

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 NYC-BOE/PS 89M, 201 WARREN ST, NY, NY 10282Project No. 14584-0819Analysis Date 04/26/02Analyst E. A. GUAREROSBatch No. 20315

1	Field No. <u>01</u>	Stereoscopic Exam		PLM Optical Properties		Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
	Gravimetric (NOB) Required ☐	Color <u>Brown</u>	Texture <u>Gr.</u>	Morphology ☐	Extinction ☐	☒ Chrysotile	☐ Cellulose	<u>100</u> Mineral Filter	☐ Organic
	Recommended ☐	Homogeneity <u>Y</u>		RI I ☐	RI II ☐	☐ Amosite	☐ Fiberglass	☐ Organic Binders	☐ Residue
	Gravimetric PREP ☐	# of Layers ☐	Asbestos ☐ ☒	DS Color ☐	Color, Pleo ☐	☐ Other	☐ Other	☐ Vermiculite	☐ Carbonate
	Gravimetric (NOB) PLM ☐	Color of Layer ☐	Detected Yes ☐ No ☐	Biref ☐	Sign ☐			☐ Other	☐ Other
	Gravimetric (NOB) TEM ☐	Comments:					Q.C. ☐		☐ Asbestos
	POINT COUNT RESULTS ON THE BACK	Method: ☐ ELAP + EPA ¹ ☐ ELAP ☐ EPA ¹ ☐ OTHER ☒ SCANNING OPTION: ELAP (P.C.) & EPA ¹ First 4 preps. Asbestos = 0							

2	Field No. <u>02</u>	Stereoscopic Exam		PLM Optical Properties		Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
	Gravimetric (NOB) Required ☐	Color <u>Brown</u>	Texture <u>Gr.</u>	Morphology ☐	Extinction ☐	☒ Chrysotile	<u>100</u> Cellulose	<u>100</u> Mineral Filter	☐ Organic
	Recommended ☐	Homogeneity <u>Y</u>		RI I ☐	RI II ☐	☐ Amosite	☐ Fiberglass	☐ Organic Binders	☐ Residue
	Gravimetric PREP ☐	# of Layers ☐	Asbestos ☐ ☒	DS Color ☐	Color, Pleo ☐	☐ Other	☐ Other	☐ Vermiculite	☐ Carbonate
	Gravimetric (NOB) PLM ☐	Color of Layer ☐	Detected Yes ☐ No ☐	Biref ☐	Sign ☐			☐ Other	☐ Other
	Gravimetric (NOB) TEM ☐	Comments:					Q.C. ☐		☐ Asbestos
	POINT COUNT RESULTS ON THE BACK	Method: ☐ ELAP + EPA ¹ ☐ ELAP ☐ EPA ¹ ☐ OTHER ☒ SCANNING OPTION: ELAP (P.C.) & EPA ¹ First 4 preps. Asbestos = 0							

3	Field No. <u>03</u>	Stereoscopic Exam		PLM Optical Properties		Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
	Gravimetric (NOB) Required ☐	Color <u>Brown</u>	Texture <u>Gr.</u>	Morphology ☐	Extinction ☐	☒ Chrysotile	☐ Cellulose	<u>100</u> Mineral Filter	☐ Organic
	Recommended ☐	Homogeneity <u>Y</u>		RI I ☐	RI II ☐	☐ Amosite	☐ Fiberglass	☐ Organic Binders	☐ Residue
	Gravimetric PREP ☐	# of Layers ☐	Asbestos ☐ ☒	DS Color ☐	Color, Pleo ☐	☐ Other	☐ Other	☐ Vermiculite	☐ Carbonate
	Gravimetric (NOB) PLM ☐	Color of Layer ☐	Detected Yes ☐ No ☐	Biref ☐	Sign ☐			☐ Other	☐ Other
	Gravimetric (NOB) TEM ☐	Comments:					Q.C. ☐		☐ Asbestos
	POINT COUNT RESULTS ON THE BACK	Method: ☐ ELAP + EPA ¹ ☐ ELAP ☐ EPA ¹ ☐ OTHER ☒ SCANNING OPTION: ELAP (P.C.) & EPA ¹ First 4 preps. Asbestos = 0							

4	Field No. <u>04</u>	Stereoscopic Exam		PLM Optical Properties		Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
	Gravimetric (NOB) Required ☐	Color <u>Brown</u>	Texture <u>Gr.</u>	Morphology ☐	Extinction ☐	☒ Chrysotile	<u>15</u> Cellulose	<u>85</u> Mineral Filter	☐ Organic
	Recommended ☐	Homogeneity <u>Y</u>		RI I ☐	RI II ☐	☐ Amosite	☐ Fiberglass	☐ Organic Binders	☐ Residue
	Gravimetric PREP ☐	# of Layers ☐	Asbestos ☐ ☒	DS Color ☐	Color, Pleo ☐	☐ Other	☐ Other	☐ Vermiculite	☐ Carbonate
	Gravimetric (NOB) PLM ☐	Color of Layer ☐	Detected Yes ☐ No ☐	Biref ☐	Sign ☐			☐ Other	☐ Other
	Gravimetric (NOB) TEM ☐	Comments:					Q.C. ☐		☐ Asbestos
	POINT COUNT RESULTS ON THE BACK	Method: ☐ ELAP + EPA ¹ ☐ ELAP ☐ EPA ¹ ☐ OTHER ☒ SCANNING OPTION: ELAP (P.C.) & EPA ¹ First 4 preps. Asbestos = 0							

CONFIDENTIAL, SUBJECT TO PROTECTIVE ORDER NO. 2, SEPT. 2008

CITY_21MC100_001902427

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 OLYMP BH 2

Client / Project NYC-BOE/PS 89M, 201 WARREN ST, NY, NY 10282Project No. 14584-0819Analysis Date 04/26/02Analyst E. A. CHARTERSBatch No. 20315

Field No.	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (HOB) Results %
1 <u>05</u>	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 _____ Biref _____ Sign _____	Chrysotile _____ Amosite _____ Other _____	Cellulose <u>20</u> Fiberglass _____ Other _____	Mineral Filler <u>80</u> Organic Binders _____ Vermiculite _____ Other _____	Organic _____ Residue _____ Carbonate _____ Other _____ Asbestos _____
Comments:			D.C. ☐			
Method: ☐ ELAP + EPA* ☐ ELAP ☐ EPA* ☐ OTHER ☒ SCANNING OPTION: ELAP (P.C.) & EPA* First 4 preps. Asbestos = 0						
2 <u>06</u>	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 _____ Biref _____ Sign _____	Chrysotile _____ Amosite _____ Other _____	Cellulose _____ Fiberglass _____ Other _____	Mineral Filler <u>100</u> Organic Binders _____ Vermiculite _____ Other _____	Organic _____ Residue _____ Carbonate _____ Other _____ Asbestos _____
Comments:			D.C. ☐			
Method: ☐ ELAP + EPA* ☐ ELAP ☐ EPA* ☐ OTHER ☒ SCANNING OPTION: ELAP (P.C.) & EPA* First 4 preps. Asbestos = 0						
3 <u>07</u>	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 _____ Biref _____ Sign _____	Chrysotile _____ Amosite _____ Other _____	Cellulose _____ Fiberglass _____ Other _____	Mineral Filler <u>100</u> Organic Binders _____ Vermiculite _____ Other _____	Organic _____ Residue _____ Carbonate _____ Other _____ Asbestos _____
Comments:			D.C. ☐			
Method: ☐ ELAP + EPA* ☐ ELAP ☐ EPA* ☐ OTHER ☒ SCANNING OPTION: ELAP (P.C.) & EPA* First 4 preps. Asbestos = 0						
4 <u>08</u>	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>20</u> Fiberglass _____ Other <u>15</u> <u>Hair</u>	Mineral Filler <u>50</u> Organic Binders <u>15</u> Vermiculite _____ Other _____	Organic _____ Residue _____ Carbonate _____ Other _____ Asbestos _____
Comments:			D.C. ☐			
Method: ☐ ELAP + EPA* ☐ ELAP ☐ EPA* ☐ OTHER ☒ SCANNING OPTION: ELAP (P.C.) & EPA* First 4 preps. Asbestos = 0						

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CITY_21MC100_001902428

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

Project No. 14584-0819

Analysis Date 04/26/02 Analyst E. A. GUAREROS

Batch No. 20315

Field No.	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
09	Color <u>Brown</u> Texture <u>F</u> Homogeneity <u>Y</u> # 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	<u>10</u> Cellulose _____ Fiberglass <u>30</u> Other <i>Synthetic & Hair</i>	<u>10</u> 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			O.C. ☐			
10	Color <u>Brown</u> Texture <u>F</u> Homogeneity <u>Y</u> # 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	<u>10</u> Cellulose _____ Fiberglass _____ Other	<u>70</u> Mineral Filler <u>20</u> 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			O.C. ☒ <u>ND BP</u>			
11	Color <u>Brown</u> Texture <u>F</u> Homogeneity <u>Y</u> # 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	<u>15</u> Cellulose _____ Fiberglass _____ Other	<u>70</u> Mineral Filler <u>15</u> 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			O.C. ☐			
12	Color <u>Brown</u> Texture <u>F</u> Homogeneity <u>Y</u> # 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	<u>10</u> Cellulose _____ Fiberglass <u>10</u> Other <i>Hair</i>	<u>65</u> Mineral Filler <u>15</u> 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			O.C. ☐			

CONFIDENTIAL, SUBJECT TO PROTECTIVE ORDER NO. 2, SEPT. 2008

CITY_21MC100_001902429

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 NYC-BOE/PS 89M, 201 WARREN ST, NY, NY 10282Project No. 14584-0819Analysis Date 04/26/02Analyst E. A. CARTERSBatch No. 20315

Field No.	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
1 <u>13</u>	Color <u>Brown</u> Texture <u>F</u> Homogeneity <u>Y</u> # 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 <u>35</u> Fiberglass _____ Other _____	Mineral Filler <u>65</u> 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			O.C. ☐			
2 <u>14</u>	Color <u>Brown</u> Texture <u>F</u> Homogeneity <u>Y</u> # 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 <u>30</u> Fiberglass _____ Other _____	Mineral Filler <u>50</u> Organic Binders <u>20</u> Vermiculite _____ Other _____	Organic _____ Residue _____ Carbonate _____ Other _____ Asbestos _____
Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☒ SCANNING OPTION: ELAP (P.C.) & EPA First 4 preps. Asbestos = 0			O.C. ☐			
3 <u>15</u>	Color <u>Brown</u> Texture <u>F</u> Homogeneity <u>Y</u> # 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 <u>35</u> Fiberglass _____ Other _____	Mineral Filler <u>60</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 preps. Asbestos = 0			O.C. ☐			
4 <u>16</u>	Color <u>Brown</u> Texture <u>F</u> Homogeneity <u>Y</u> # 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 <u>20</u> Fiberglass _____ Other _____	Mineral Filler <u>80</u> 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			O.C. ☐			

SUBJECT TO PROTECTIVE ORDER NO. 2, SEPT. 2008

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CITY_21MC100_001902430

ATC ASSOCIATES INC - NEW YORK BULK ASBESTOS ANALYSIS SHEET

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NVLAP 101187

ELAP 10879

Microscope OLYMP BH-2

Client / Project NYC-BOE/PS 89M, 201 WARREN ST. NY, NY 10282Project No. 14584-0819Analysis Date 04/26/02 Analyst E. A. CUNTEROSBatch No. 20315

1	Field No. <u>17</u>	Stereoscopic Exam		PLM Optical Properties		Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
	Gravimetric (NOB) Required ☐	Color <u>Brown</u>	Texture <u>F</u>	Morphology	Extinction	☒ Chrysotile	<u>60</u> Cellulose	<u>10</u> Mineral Filler	☐ Organic
	Recommended ☐	Homogeneity <u>Y</u>		RI I	RI II	☐ Amosite	Fiberglass	☐ Organic Binders	☐ Residue
	Gravimetric PREP ☐	# of Layers	Asbestos ☐ ☒	DS Color	Color, Pleo	☐ Other	<u>30</u> Other	☐ Vermiculite	☐ Carbonate
	Gravimetric (NOB) PLM ☐	Color of Layer	Detected Yes No	Biref	Sign		<u>Synthetic Fibers</u>	☐ Other	☐ Other
	Gravimetric (NOB) TEM ☐	Comments:				Q.C.		☐	
	POINT COUNT RESULTS ON THE BACK	Method: ☐ ELAP & EPA ☐ ELAP ☐ EPA ☐ OTHER ☒				SCANNING OPTION: ELAP (P.C.) & EPA ☒		First 4 preps. Asbestos = 0	

2	Field No. <u>18</u>	Stereoscopic Exam		PLM Optical Properties		Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
	Gravimetric (NOB) Required ☐	Color <u>Brown</u>	Texture <u>F</u>	Morphology	Extinction	☒ Chrysotile	<u>55</u> Cellulose	<u>5</u> Mineral Filler	☐ Organic
	Recommended ☐	Homogeneity <u>Y</u>		RI I	RI II	☐ Amosite	Fiberglass	☐ Organic Binders	☐ Residue
	Gravimetric PREP ☐	# of Layers	Asbestos ☐ ☒	DS Color	Color, Pleo	☐ Other	<u>40</u> Other	☐ Vermiculite	☐ Carbonate
	Gravimetric (NOB) PLM ☐	Color of Layer	Detected Yes No	Biref	Sign		<u>Fibers & Synthetic</u>	☐ Other	☐ Other
	Gravimetric (NOB) TEM ☐	Comments:				Q.C.		☐	
	POINT COUNT RESULTS ON THE BACK	Method: ☐ ELAP & EPA ☐ ELAP ☐ EPA ☐ OTHER ☒				SCANNING OPTION: ELAP (P.C.) & EPA ☒		First 4 preps. Asbestos = 0	

3	Field No. <u>19</u>	Stereoscopic Exam		PLM Optical Properties		Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
	Gravimetric (NOB) Required ☐	Color <u>Brown</u>	Texture <u>F</u>	Morphology	Extinction	☒ Chrysotile	<u>20</u> Cellulose	<u>70</u> Mineral Filler	☐ Organic
	Recommended ☐	Homogeneity <u>Y</u>		RI I	RI II	☐ Amosite	Fiberglass	<u>10</u> Organic Binders	☐ Residue
	Gravimetric PREP ☐	# of Layers	Asbestos ☐ ☒	DS Color	Color, Pleo	☐ Other	Other	☐ Vermiculite	☐ Carbonate
	Gravimetric (NOB) PLM ☐	Color of Layer	Detected Yes No	Biref	Sign			☐ Other	☐ Other
	Gravimetric (NOB) TEM ☐	Comments:				Q.C.		☐	
	POINT COUNT RESULTS ON THE BACK	Method: ☐ ELAP & EPA ☐ ELAP ☐ EPA ☐ OTHER ☒				SCANNING OPTION: ELAP (P.C.) & EPA ☒		First 4 preps. Asbestos = 0	

4	Field No. <u>20</u>	Stereoscopic Exam		PLM Optical Properties		Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
	Gravimetric (NOB) Required ☐	Color <u>Brown</u>	Texture <u>F</u>	Morphology	Extinction	☒ Chrysotile	<u>10</u> Cellulose	<u>90</u> Mineral Filler	☐ Organic
	Recommended ☐	Homogeneity <u>Y</u>		RI I	RI II	☐ Amosite	Fiberglass	☐ Organic Binders	☐ Residue
	Gravimetric PREP ☐	# of Layers	Asbestos ☐ ☒	DS Color	Color, Pleo	☐ Other	Other	☐ Vermiculite	☐ Carbonate
	Gravimetric (NOB) PLM ☐	Color of Layer	Detected Yes No	Biref	Sign			☐ Other	☐ Other
	Gravimetric (NOB) TEM ☐	Comments:				Q.C.		☒ NO PLM	
	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_001902431

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

HVLAP 101187

ELAP 10879

Microscope OLYMP BH-2

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

Project No. 14584-0819

Analysis Date 04/26/02

Analyst E. A. GUNTEROS

Batch No. 20315

Field No.	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
21	Color <u>Brown</u> Texture <u>F</u> Homogeneity <u>Y</u> # 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 _____	10 Cellulose _____ 10 Fiberglass _____ 10 Other _____ <u>Hair</u>	70 Mineral Filler _____ 10 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			O.C. ☐			
22	Color <u>White</u> Texture <u>Gr</u> Homogeneity <u>Y</u> # 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 _____ 10 Other _____ <u>Hair</u>	90 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			O.C. ☐			
23	Color <u>Brown</u> Texture <u>Gr</u> Homogeneity <u>Y</u> # 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 _____	10 Cellulose _____ Fiberglass _____ 10 Other _____ <u>Hair</u>	80 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			O.C. ☐			
24	Color <u>Brown</u> Texture <u>F</u> Homogeneity <u>Y</u> # 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 _____	55 Cellulose _____ Fiberglass _____ 35 Other _____ <u>Synthetic fiber</u> <u>Hair</u>	10 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			O.C. ☐			

CONFIDENTIAL, SUBJECT TO PROTECTIVE ORDER NO. 2, SEPT. 2008

CITY_21MC100_001902432

ATC ASSOCIATES INC - NEW YORK BULK ASBESTOS ANALYSIS SHEET

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NVLAP 101187

ELAP 10879

Microscope OLYMP BII-2

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

Project No. 14584-0819

Analysis Date 04/26/02

Analyst E. A. CHARTERS

Batch No. 20315

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 _____ Asbestos ☐ ☒ Color of Layer _____ Detected Yes No Comments: _____	Morphology _____ Extinction _____ RI I _____ RI II _____ DS Color _____ Color, Pleo _____ Biref _____ Sign _____	☒ Chrysotile ☒ Amosite ☒ Other	<u>50</u> Cellulose _____ Fiberglass <u>20</u> Other <u>Synthetic & Hair</u>	<u>30</u> 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			Q.C. ☐			
26	Color <u>Brown</u> Texture <u>F</u> Homogeneity <u>Y</u> # 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	<u>60</u> Cellulose _____ Fiberglass <u>30</u> Other <u>Synthetic & Hair</u>	<u>10</u> 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			Q.C. ☐			
27	Color <u>Brown</u> Texture <u>F</u> Homogeneity <u>Y</u> # 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	<u>20</u> Cellulose _____ Fiberglass <u>10</u> Other <u>Hair</u>	<u>70</u> 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			Q.C. ☐			
28	Color <u>Brown</u> Texture <u>F</u> Homogeneity <u>Y</u> # 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	<u>65</u> Cellulose _____ Fiberglass <u>30</u> Other <u>Hair</u>	<u>5</u> 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			Q.C. ☐			

CONFIDENTIAL, SUBJECT TO PROTECTIVE ORDER NO. 2, SEPT. 2008

CITY_21MC100_001902433

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 NYC-BOE/PS 89M, 201 WARREN ST, NY, NY 10282Project No. 14584-0819Analysis Date 04/26/02Analyst E. A. CUNTEROSBatch No. 20315

Field No.	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
29	Color <u>Brown</u> Texture <u>F</u> Homogeneity <u>Y</u> # 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 _____	10 Cellulose _____ Fiberglass 60 Other <i>Feather & Hair</i>	30 Mineral Filler _____ Organic Binders _____ Vermiculite _____ Other	_____ Organic _____ Residue _____ Carbonate _____ Other _____ Ashes
POINT COUNT RESULTS ON THE BACK Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☒ SCANNING OPTION: ELAP (P.C.) & EPA First 4 preps. Asbestos = 0			O.C. ☐			
30	Color <u>Brown</u> Texture <u>F</u> Homogeneity <u>Y</u> # 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 _____	10 Cellulose _____ Fiberglass _____ Other	80 Mineral Filler 10 Organic Binders _____ Vermiculite _____ Other	_____ Organic _____ Residue _____ Carbonate _____ Other _____ Ashes
POINT COUNT RESULTS ON THE BACK Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☒ SCANNING OPTION: ELAP (P.C.) & EPA First 4 preps. Asbestos = 0			O.C. ☐			
31	Color <u>Brown</u> Texture <u>F</u> Homogeneity <u>Y</u> # 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 _____	60 Cellulose _____ Fiberglass 40 Other <i>Synthetic & Hair</i>	10 Mineral Filler _____ Organic Binders _____ Vermiculite _____ Other	_____ Organic _____ Residue _____ Carbonate _____ Other _____ Ashes
POINT COUNT RESULTS ON THE BACK Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☒ SCANNING OPTION: ELAP (P.C.) & EPA First 4 preps. Asbestos = 0			O.C. ☐			
32	Color <u>Brown</u> Texture <u>F</u> Homogeneity <u>Y</u> # 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 _____	10 Cellulose _____ Fiberglass _____ Other	90 Mineral Filler _____ Organic Binders _____ Vermiculite _____ Other	_____ Organic _____ Residue _____ Carbonate _____ Other _____ Ashes
POINT COUNT RESULTS ON THE BACK Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☒ SCANNING OPTION: ELAP (P.C.) & EPA First 4 preps. Asbestos = 0			O.C. ☐			

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CITY_21MC100_001902434

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

HVLAP 101187

ELAP 10870

Microscope OLYMP BH-2

Client / Project NYC-BOE/PS 89M, 201 WARREN ST, NY, NY 10022Project No. 14584-0819Analysis Date 04/26/02Analyst E. A. CARTERSBatch No. 20315

Field No.	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
1 <u>37</u>	Color <u>Brown</u> Texture <u>F</u> Homogeneity <u>Y</u> # of Layers <u> </u> Asbestos ☐ ☒ Color of Layer <u> </u> Detected Yes No	Morphology <u> </u> Extinction <u> </u> RI I <u> </u> RI II <u> </u> DS Color <u> </u> Color, Pleo <u> </u> Biref <u> </u> Sign <u> </u>	☒ Chrysotile ☒ Amosite ☒ Other	<u>10</u> Cellulose <u> </u> Fiberglass <u> </u> Other	<u>80</u> Mineral Filler <u>10</u> Organic Binders <u> </u> Vermiculite <u> </u> Other	<u> </u> Organic <u> </u> Residue <u> </u> Carbonate <u> </u> Other <u> </u> Asbestos
Comments:			O.C. ☐			
Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☒ SCANNING OPTION: ELAP (P.C.) & EPA First 4 preps. Asbestos = 0						
2 <u>38</u>	Color <u>Brown</u> Texture <u>F</u> Homogeneity <u>Y</u> # of Layers <u> </u> Asbestos ☐ ☒ Color of Layer <u> </u> Detected Yes No	Morphology <u> </u> Extinction <u> </u> RI I <u> </u> RI II <u> </u> DS Color <u> </u> Color, Pleo <u> </u> Biref <u> </u> Sign <u> </u>	☒ Chrysotile ☒ Amosite ☒ Other	<u>5</u> Cellulose <u> </u> Fiberglass <u> </u> Other	<u>95</u> Mineral Filler <u> </u> Organic Binders <u> </u> Vermiculite <u> </u> Other	<u> </u> Organic <u> </u> Residue <u> </u> Carbonate <u> </u> Other <u> </u> Asbestos
Comments:			O.C. ☐			
Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☒ SCANNING OPTION: ELAP (P.C.) & EPA First 4 preps. Asbestos = 0						
3 <u>39</u>	Color <u>Brown</u> Texture <u>F</u> Homogeneity <u>Y</u> # of Layers <u> </u> Asbestos ☐ ☒ Color of Layer <u> </u> Detected Yes No	Morphology <u> </u> Extinction <u> </u> RI I <u> </u> RI II <u> </u> DS Color <u> </u> Color, Pleo <u> </u> Biref <u> </u> Sign <u> </u>	☒ Chrysotile ☒ Amosite ☒ Other	<u>70</u> Cellulose <u> </u> Fiberglass <u>20</u> Other <u>Synthetic fibers</u>	<u>10</u> Mineral Filler <u> </u> Organic Binders <u> </u> Vermiculite <u> </u> Other	<u> </u> Organic <u> </u> Residue <u> </u> Carbonate <u> </u> Other <u> </u> Asbestos
Comments:			O.C. ☐			
Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☒ SCANNING OPTION: ELAP (P.C.) & EPA First 4 preps. Asbestos = 0						
4 <u>40</u>	Color <u>Brown</u> Texture <u>F</u> Homogeneity <u>Y</u> # of Layers <u> </u> Asbestos ☐ ☒ Color of Layer <u> </u> Detected Yes No	Morphology <u> </u> Extinction <u> </u> RI I <u> </u> RI II <u> </u> DS Color <u> </u> Color, Pleo <u> </u> Biref <u> </u> Sign <u> </u>	☒ Chrysotile ☒ Amosite ☒ Other	<u>70</u> Cellulose <u> </u> Fiberglass <u>20</u> Other <u>Synthetic fibers</u>	<u>10</u> Mineral Filler <u> </u> Organic Binders <u> </u> Vermiculite <u> </u> Other	<u> </u> Organic <u> </u> Residue <u> </u> Carbonate <u> </u> Other <u> </u> Asbestos
Comments:			O.C. ☒ <u>ND</u>			
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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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

HVLAP 101187

ELAP 10879

Microscope OLYP BIF-2

Client / Project NYC-BOE/PS 89M, 201 WARREN ST, NY, NY 10282Project No. 14584-0819Analysis Date 04/26/02 Analyst E. A. GUARREASBatch No. 20315

Field No.	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
1 <u>33</u>	Color <u>Brown/Green</u> Texture <u>F/Fib</u> Homogeneity <u>N</u> # 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 <u>Synthetic</u>	Cellulose <u>30</u> Fiberglass _____ Other <u>Synthetic</u>	Mineral Filler <u>40</u> 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		O.C. ☐	
2 <u>34</u>	Color <u>Brown/Green</u> Texture <u>F</u> Homogeneity <u>N</u> # 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 <u>15</u> Fiberglass _____ Other _____	Mineral Filler <u>75</u> Organic Binders <u>10</u> 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		O.C. ☐	
3 <u>35</u>	Color <u>Brown</u> Texture <u>F</u> Homogeneity <u>Y</u> # 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 <u>10</u> Fiberglass _____ Other <u>Synthetic & Hair</u>	Mineral Filler <u>40</u> Organic Binders <u>20</u> 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		O.C. ☐	
4 <u>36</u>	Color <u>Brown</u> Texture <u>F</u> Homogeneity <u>Y</u> # 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 <u>10</u> Fiberglass _____ Other _____	Mineral Filler <u>80</u> Organic Binders <u>10</u> 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		O.C. ☐	

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CITY_21MC100_001902436