

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

345 CHAMBERS ST.

NYLAP 101187

ELAP 10819

Microscope QLYP BII-2

Client / Project NYC BOC / SQUYVESANT HS (M477), NY, NY 10007 Project No. 19125-0246Analysis Date 11/14/01 Analyst E. A. CHARTEROS Batch No. 19729

Field No.	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (HOB) Results %
1	Color <u>Brown</u> Texture <u>Gr.</u>	Morphology <u> </u> Extinction <u> </u>	Chrysotile <u>10</u>	Cellulose <u>90</u>	Mineral Filler <u> </u>	Organic <u> </u>
Required ☐	Homogeneity <u>Y</u>	RI I <u> </u> RI II <u> </u>	Amosite <u> </u>	Fiberglass <u> </u>	Organic Binders <u> </u>	Residue <u> </u>
Recommended ☐	# of Layers <u> </u> Asbestos ☐ ☒	DS Color <u> </u> Color, Pleo <u> </u>	Other <u> </u>	Other <u> </u>	Vermiculite <u> </u>	Carbonate <u> </u>
Gravimetric PREP ☐	Color of Layer <u> </u> Detected Yes No	Biref <u> </u> Sign <u> </u>			Other <u> </u>	Other <u> </u>
Gravimetric (HOB) PLM ☐	Comments:				Other <u> </u>	Asbestos <u> </u>
Gravimetric (HOB) TEM ☐	Method: ☐ ELAP ☐ EPA ☐ ELAP ☐ EPA ☐ OTHER ☒	SCANNING OPTION: ☐ ELAP (P.C.) & EPA ☐ First 4 preps. Asbestos = 0				
2	Color <u>Brown</u> Texture <u>Gr.</u>	Morphology <u> </u> Extinction <u> </u>	Chrysotile <u>100</u>	Cellulose <u> </u>	Mineral Filler <u> </u>	Organic <u> </u>
Required ☐	Homogeneity <u>Y</u>	RI I <u> </u> RI II <u> </u>	Amosite <u> </u>	Fiberglass <u> </u>	Organic Binders <u> </u>	Residue <u> </u>
Recommended ☐	# of Layers <u> </u> Asbestos ☐ ☒	DS Color <u> </u> Color, Pleo <u> </u>	Other <u> </u>	Other <u> </u>	Vermiculite <u> </u>	Carbonate <u> </u>
Gravimetric PREP ☐	Color of Layer <u> </u> Detected Yes No	Biref <u> </u> Sign <u> </u>			Other <u> </u>	Other <u> </u>
Gravimetric (HOB) PLM ☐	Comments:				Other <u> </u>	Asbestos <u> </u>
Gravimetric (HOB) TEM ☐	Method: ☐ ELAP ☐ EPA ☐ ELAP ☐ EPA ☐ OTHER ☒	SCANNING OPTION: ☐ ELAP (P.C.) & EPA ☐ First 4 preps. Asbestos = 0				
3	Color <u>Brown</u> Texture <u>Gr.</u>	Morphology <u> </u> Extinction <u> </u>	Chrysotile <u>100</u>	Cellulose <u> </u>	Mineral Filler <u> </u>	Organic <u> </u>
Required ☐	Homogeneity <u>Y</u>	RI I <u> </u> RI II <u> </u>	Amosite <u> </u>	Fiberglass <u> </u>	Organic Binders <u> </u>	Residue <u> </u>
Recommended ☐	# of Layers <u> </u> Asbestos ☐ ☒	DS Color <u> </u> Color, Pleo <u> </u>	Other <u> </u>	Other <u> </u>	Vermiculite <u> </u>	Carbonate <u> </u>
Gravimetric PREP ☐	Color of Layer <u> </u> Detected Yes No	Biref <u> </u> Sign <u> </u>			Other <u> </u>	Other <u> </u>
Gravimetric (HOB) PLM ☐	Comments:				Other <u> </u>	Asbestos <u> </u>
Gravimetric (HOB) TEM ☐	Method: ☐ ELAP ☐ EPA ☐ ELAP ☐ EPA ☐ OTHER ☒	SCANNING OPTION: ☐ ELAP (P.C.) & EPA ☐ First 4 preps. Asbestos = 0				
4	Color <u>Brown</u> Texture <u>Gr.</u>	Morphology <u> </u> Extinction <u> </u>	Chrysotile <u>100</u>	Cellulose <u> </u>	Mineral Filler <u> </u>	Organic <u> </u>
Required ☐	Homogeneity <u>Y</u>	RI I <u> </u> RI II <u> </u>	Amosite <u> </u>	Fiberglass <u> </u>	Organic Binders <u> </u>	Residue <u> </u>
Recommended ☐	# of Layers <u> </u> Asbestos ☐ ☒	DS Color <u> </u> Color, Pleo <u> </u>	Other <u> </u>	Other <u> </u>	Vermiculite <u> </u>	Carbonate <u> </u>
Gravimetric PREP ☐	Color of Layer <u> </u> Detected Yes No	Biref <u> </u> Sign <u> </u>			Other <u> </u>	Other <u> </u>
Gravimetric (HOB) PLM ☐	Comments:				Other <u> </u>	Asbestos <u> </u>
Gravimetric (HOB) TEM ☐	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_011533002

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

345 CHAMBERS ST.

NVLAP 101187

ELAP 10879

Microscope OL1P BH-2

Client / Project NYC BOE / SUNYVESANT HS (M477), NY, NY 10007 Project No. 19125-0246Analysis Date 11/14/01 Analyst E. J. Carreras Batch No. 19729

Field No.	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (HOB) Results %
1 Field No. <u>5</u>	Color <u>Brown</u> Texture <u>Gr.</u> Homogeneity <u>Y</u> # of Layers _____ Asbestos ☐ ☒ Color of Layer _____ Detected Yes No Comments: _____ Method: ☐ ELAP ☐ ELAP ☐ ELAP ☐ ELAP ☐ OTHER ☒ SCANNING OPTION: ELAP (P.C.) ELAP First 4 pages 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
2 Field No. <u>6</u>	Color <u>Gray</u> Texture <u>Fib.</u> Homogeneity <u>Y</u> # of Layers _____ Asbestos ☐ ☒ Color of Layer _____ Detected Yes No Comments: _____ Method: ☐ ELAP ☐ ELAP ☐ ELAP ☐ ELAP ☐ OTHER ☒ SCANNING OPTION: ELAP (P.C.) ELAP First 4 pages Asbestos = 0	Morphology _____ Extinction _____ RI I _____ RI II _____ DS Color _____ Color, Pleo _____ Biref _____ Sign _____	☒ Chrysotile ☒ Amosite ☒ Other	<u>90</u> Cellulose ☐ Fiberglass ☐ Other	<u>10</u> Mineral Filler ☐ Organic Binders ☐ Vermiculite ☐ Other	☐ Organic ☐ Residue ☐ Carbonate ☐ Other ☐ Asbestos
3 Field No. <u>7</u>	Color <u>Gray</u> Texture <u>Fib.</u> Homogeneity <u>Y</u> # of Layers _____ Asbestos ☐ ☒ Color of Layer _____ Detected Yes No Comments: _____ Method: ☐ ELAP ☐ ELAP ☐ ELAP ☐ ELAP ☐ OTHER ☒ SCANNING OPTION: ELAP (P.C.) ELAP First 4 pages Asbestos = 0	Morphology _____ Extinction _____ RI I _____ RI II _____ DS Color _____ Color, Pleo _____ Biref _____ Sign _____	☒ Chrysotile ☒ Amosite ☒ Other	<u>90</u> Cellulose ☐ Fiberglass ☐ Other	<u>8</u> Mineral Filler <u>2</u> Organic Binders ☐ Vermiculite ☐ Other	☐ Organic ☐ Residue ☐ Carbonate ☐ Other ☐ Asbestos
4 Field No. <u>8</u>	Color <u>Gray</u> Texture <u>Fib.</u> Homogeneity <u>Y</u> # of Layers _____ Asbestos ☐ ☒ Color of Layer _____ Detected Yes No Comments: _____ Method: ☐ ELAP ☐ ELAP ☐ ELAP ☐ ELAP ☐ OTHER ☒ SCANNING OPTION: ELAP (P.C.) ELAP First 4 pages Asbestos = 0	Morphology _____ Extinction _____ RI I _____ RI II _____ DS Color _____ Color, Pleo _____ Biref _____ Sign _____	☒ Chrysotile ☒ Amosite ☒ Other	<u>80</u> Cellulose ☐ Fiberglass ☐ Other <u>Hair</u>	<u>12</u> Mineral Filler <u>3</u> Organic Binders ☐ Vermiculite ☐ Other	☐ Organic ☐ Residue ☐ Carbonate ☐ Other ☐ Asbestos

SUBJECT TO PROTECTIVE ORDER NO. 2, SEPT. 2008

CONFIDENTIAL,

CITY_21MC100_011533003

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 8300

345 CHAMBERS ST.

NYLAP 10/1/07

ELAP 10/1/07

Microscope OLTP BII-2

Client / Project NYC BOC / STEEVESANT HS (M477), NY, NY 10007 Project No. 19125-0246Analysis Date 11/14/01 Analyst E. A. Carriceros Batch No. 19729

Field No. <u>9</u>	Stereoscopic Exam		PLM Optical Properties		Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (HOB) Results %
Gravimetric (HOB) ☐	Color <u>Gray</u>	Texture <u>Fib</u>	Morphology ☐	Extinction ☐	☒ Chrysotile	<u>88</u> Cellulose	<u>10</u> Mineral Filler	☐ Organic
Prepared ☐	Homogeneity <u>4</u>		RI ☐	RI II ☐	☐ Amosite	Fiberglass	<u>2</u> Organic Binders	☐ Residue
Recommended ☐	# of Layers	Asbestos ☐ ☒	OS Color ☐	Color, Pleo ☐	☐ Other	Other	Vermiculite	☐ Carbonate
Gravimetric (HOB) ☐	Color of Layer	Detected Yes ☐ No ☐	Biref ☐	Sign ☐			Other	☐ Other
Gravimetric (HOB) ☐	Comments:							☐ Asbestos
Print Count RESULTS OF THE WORK	Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☒		SCANNING OPTION: ELAP (P.C.) & EPA ☐		First 4 prep. Asbestos = 0			

Field No. <u>10</u>	Stereoscopic Exam		PLM Optical Properties		Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (HOB) Results %
Gravimetric (HOB) ☐	Color <u>Gray</u>	Texture <u>Fib/Lk</u>	Morphology ☐	Extinction ☐	☒ Chrysotile	<u>50</u> Cellulose	<u>50</u> Mineral Filler	☐ Organic
Prepared ☐	Homogeneity <u>4</u>		RI ☐	RI II ☐	☐ Amosite	Fiberglass	Organic Binders	☐ Residue
Recommended ☐	# of Layers	Asbestos ☐ ☒	OS Color ☐	Color, Pleo ☐	☐ Other	Other	Vermiculite	☐ Carbonate
Gravimetric (HOB) ☐	Color of Layer	Detected Yes ☐ No ☐	Biref ☐	Sign ☐			Other	☐ Other
Gravimetric (HOB) ☐	Comments:							☐ Asbestos
Print Count RESULTS OF THE WORK	Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☒		SCANNING OPTION: ELAP (P.C.) & EPA ☐		First 4 prep. Asbestos = 0			

Field No.	Stereoscopic Exam		PLM Optical Properties		Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (HOB) Results %
Gravimetric (HOB) ☐	Color	Texture	Morphology ☐	Extinction ☐	☐ Chrysotile	☐ Cellulose	☐ Mineral Filler	☐ Organic
Prepared ☐	Homogeneity		RI ☐	RI II ☐	☐ Amosite	☐ Fiberglass	☐ Organic Binders	☐ Residue
Recommended ☐	# of Layers	Asbestos ☐ ☐	OS Color ☐	Color, Pleo ☐	☐ Other	☐ Other	☐ Vermiculite	☐ Carbonate
Gravimetric (HOB) ☐	Color of Layer	Detected Yes ☐ No ☐	Biref ☐	Sign ☐			Other	☐ Other
Gravimetric (HOB) ☐	Comments:							☐ Asbestos
Print Count RESULTS OF THE WORK	Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☐		SCANNING OPTION: ELAP (P.C.) & EPA ☐		First 4 prep. Asbestos = 0			

Field No.	Stereoscopic Exam		PLM Optical Properties		Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (HOB) Results %
Gravimetric (HOB) ☐	Color	Texture	Morphology ☐	Extinction ☐	☐ Chrysotile	☐ Cellulose	☐ Mineral Filler	☐ Organic
Prepared ☐	Homogeneity		RI ☐	RI II ☐	☐ Amosite	☐ Fiberglass	☐ Organic Binders	☐ Residue
Recommended ☐	# of Layers	Asbestos ☐ ☐	OS Color ☐	Color, Pleo ☐	☐ Other	☐ Other	☐ Vermiculite	☐ Carbonate
Gravimetric (HOB) ☐	Color of Layer	Detected Yes ☐ No ☐	Biref ☐	Sign ☐			Other	☐ Other
Gravimetric (HOB) ☐	Comments:							☐ Asbestos
Print Count RESULTS OF THE WORK	Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☐		SCANNING OPTION: ELAP (P.C.) & EPA ☐		First 4 prep. Asbestos = 0			

SUBJECT TO PROTECTIVE ORDER NO. 2, SEPT. 2008

CONFIDENTIAL

CITY_21MC100_011533004