

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 Bechtel / WTC

Project No. 75220-01

Analysis Date 10/7/01

Analyst GA

Batch No. 19581

Field No. <u>1</u>	Stereoscopic Exam		PLM Optical Properties		Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Requested ☒	Color <u>gray</u>	Texture <u>fine</u>	Morphology <u>RI I</u>	Extinction <u>RI II</u>	<u>8</u> Chrysotile	<u>8</u> Cellulose	<u>40</u> Mineral Filler	<u>7.4</u> Organic
Recommended ☒	Homogeneity <u>N</u>	Asbestos ☐ ☒	RI I	RI II	<u>5</u> Amosite	<u>5</u> Fiberglass	<u>5</u> Organic Binders	<u>87.1</u> Residue
Gravimetric (NOB) PREP ☒	# of Layers <u>2</u>	Detected Yes ☐ No ☒	DS Color	Color, Pleo	<u>0</u> Other	<u>0</u> Other	<u>0</u> Vermiculite	<u>5.5</u> Carbonate
Gravimetric (NOB) PLM ☒	Color of Layer	Detected Yes ☐ No ☒	Biref	Sign			<u>0</u> Other	<u>0</u> Asbestos
Gravimetric (NOB) TEM ☒	Comments:				D.C.			
POINT COUNT RESULTS ON THE BACK	Method: ☒ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☐ SCANNING OPTIONS: ELAP (P.C.) & EPA First 4 preps: Asbestos = 0							

Field No. <u>2</u>	Stereoscopic Exam		PLM Optical Properties		Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Requested ☐	Color <u>gray</u>	Texture <u>fine</u>	Morphology <u>RI I</u>	Extinction <u>RI II</u>	<u>3.7</u> Chrysotile	<u>3.7</u> Cellulose	<u>63</u> Mineral Filler	<u>0</u> Organic
Recommended ☐	Homogeneity <u>N</u>	Asbestos ☐ ☒	RI I	RI II	<u>0</u> Amosite	<u>0</u> Fiberglass	<u>0</u> Organic Binders	<u>0</u> Residue
Gravimetric (NOB) PREP ☐	# of Layers <u>1</u>	Detected Yes ☐ No ☒	DS Color	Color, Pleo	<u>0</u> Other	<u>0</u> Other	<u>0</u> Vermiculite	<u>0</u> Carbonate
Gravimetric (NOB) PLM ☐	Color of Layer	Detected Yes ☐ No ☒	Biref	Sign			<u>0</u> Other	<u>0</u> Asbestos
Gravimetric (NOB) TEM ☐	Comments:				D.C.			
POINT COUNT RESULTS ON THE BACK	Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☐ SCANNING OPTIONS: ELAP (P.C.) & EPA First 4 preps: Asbestos = 0							

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

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

CITY_21MC100_010353108