NYC 9/11 Public Portal Document

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 10872
Microscope OLYP BH-2

Client / Project: NYC BOE / Stuyvesant HS. Project No. 19125.0246

Analysis Date: 4/10/02 Analyst: [signature] Batch No: 20245

	Field No.	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
1	1	Color lt gry Texture F Homogeneity M # 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	30 Cellulose — Fiberglass 60 Other synthetic & hair O.C. ☐	10 Mineral Filler — Organic Binders — Vermiculite — Other	— Organic — Residue — Carbonate — Other — Asbestos
2	2	Color lt gry Texture F Homogeneity M # of Layers 1 Asbestos ☐ ☒ 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 60 Other synthetic & hair O.C. ☐	10 Mineral Filler — Organic Binders — Vermiculite — Other	— Organic — Residue — Carbonate — Other — Asbestos
3	3	Color lt gry Texture F Homogeneity M # of Layers 1 Asbestos ☐ ☒ 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 60 Other synthetic O.C. ☐	10 Mineral Filler — Organic Binders — Vermiculite — Other	— Organic — Residue — Carbonate — Other — Asbestos
4	4	Color lt gry Texture F Homogeneity M # of Layers 1 Asbestos ☐ ☒ 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 60 Other synthetic & hair O.C. ☐	10 Mineral Filler — Organic Binders — Vermiculite — Other	— Organic — Residue — Carbonate — Other — Asbestos

Gravimetric (NOB) Required ☐ Recommended ☐ Gravimetric PREP ☐ Gravimetric (NOB) PLM ☐ Gravimetric (NOB) TEM ☐

Point Count Results on the back

Method: ☐ ELAP + EPA¹ ☐ ELAP ☐ EPA¹ ☐ other ☒ Scanning Option: ELAP (PC) & EPA¹ First 4 preps Asbestos = 0

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

CITY_21MC100_003390135

NYC-WTC_000178623

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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 - 8200, FAX (212) 353 - 3599 or 8306

NVLAP 101187
ELAP 10870
Microscope OLYP BH-2

Client / Project: NYC DOE / Stuyvesant HS. — Project No: 19125.0246

Analysis Date: 4/10/02 — Analyst: [illegible] — Batch No: 2045

	Field No. 5	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB)	Color: Lt grey	Texture: F	Morphology:	Extinction:	Chrysotile:	30 Cellulose	10 Mineral Filler	Organic:
Prepared ☐	Homogeneity: Hx		RI|:	RI⊥:	Amosite:	Fiberglass:	Organic Binders:	Residue:
Recommended ☐	# of Layers: 2	Asbestos ☐ ☒	DS Color:	Color Pleo:	Other:	60 Other: synthetic & hair	Vermiculite:	Carbonate:
Gravimetric PREP ☐							Other:	Other:
Gravimetric (NOB) TEM ☐	Color of Layer:	Detected Yes No	Biref:	Sign:		D.C. ☐		Asbestos:
Gravimetric (NOB) TEM ☐	Comments:							
POINT COUNT results on last page	Method: ☐ BLRP + EP* ☐ BLRP ☐ EP* ☐ other	☒ SCANNING OPTION: BLRP (PC 1) EP*	Fast 4 preps Asbestos = 0					

	Field No. 6	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB)	Color: Lt grey	Texture: F	Morphology:	Extinction:	Chrysotile:	30 Cellulose	10 Mineral Filler	Organic:
Prepared ☐	Homogeneity: Hx		RI|:	RI⊥:	Amosite:	Fiberglass:	Organic Binders:	Residue:
Recommended ☐	# of Layers: 2	Asbestos ☐ ☒	DS Color:	Color Pleo:	Other:	60 Other: synthetic & hair	Vermiculite:	Carbonate:
Gravimetric PREP ☐							Other:	Other:
Gravimetric (NOB) TEM ☐	Color of Layer:	Detected Yes No	Biref:	Sign:		D.C. ☐		Asbestos:
Gravimetric (NOB) TEM ☐	Comments:							
POINT COUNT results on last page	Method: ☐ BLRP + EP* ☐ BLRP ☐ EP* ☐ other	☒ SCANNING OPTION: BLRP (PC 1) EP*	Fast 4 preps Asbestos = 0					

	Field No. 7	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB)	Color: Lt grey	Texture: F	Morphology:	Extinction:	Chrysotile:	30 Cellulose	10 Mineral Filler	Organic:
Prepared ☐	Homogeneity: Hx		RI|:	RI⊥:	Amosite:	Fiberglass:	Organic Binders:	Residue:
Recommended ☐	# of Layers: 2	Asbestos ☐ ☒	DS Color:	Color Pleo:	Other:	60 Other: synthetic & hair	Vermiculite:	Carbonate:
Gravimetric PREP ☐							Other:	Other:
Gravimetric (NOB) TEM ☐	Color of Layer:	Detected Yes No	Biref:	Sign:		D.C. ☐		Asbestos:
Gravimetric (NOB) TEM ☐	Comments:							
POINT COUNT results on last page	Method: ☐ BLRP + EP* ☐ BLRP ☐ EP* ☐ other	☒ SCANNING OPTION: BLRP (PC 1) EP*	Fast 4 preps Asbestos = 0					

	Field No. 8	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB)	Color: Lt grey	Texture: F	Morphology:	Extinction:	Chrysotile:	30 Cellulose	10 Mineral Filler	Organic:
Prepared ☐	Homogeneity: H		RI|:	RI⊥:	Amosite:	Fiberglass:	Organic Binders:	Residue:
Recommended ☐	# of Layers:	Asbestos ☐ ☒	DS Color:	Color Pleo:	Other:	60 Other: synthetic & hair	Vermiculite:	Carbonate:
Gravimetric PREP ☐							Other:	Other:
Gravimetric (NOB) TEM ☐	Color of Layer:	Detected Yes No	Biref:	Sign:		D.C. ☐		Asbestos:
Gravimetric (NOB) TEM ☐	Comments:							
POINT COUNT results on last page	Method: ☐ BLRP + EP* ☐ BLRP ☐ EP* ☐ other	☒ SCANNING OPTION: BLRP (PC 1) EP*	Fast 4 preps Asbestos = 0					

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NYC-WTC_000178624

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

NVLAP 101187
ELAP 10872
Microscope OLYP BH-2

Client / Project NYC BOE / Stuyvesant HS. Project No 14125.0246

Analysis Date 4/10/02 Analyst [illegible] Batch No 20245

1 Field No. 9	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (ID08) Results %
Gravimetric (ID08) Required ☐ Recommended ☐ Gravimetric PREP ☐ Gravimetric (ID08) PLM ☐ Gravimetric (ID08) TEM ☐	Color Lt gray Texture F Homogeneity VY # of Layers — Asbestos ☐ ☒ Color of Layer — Detected Yes No	Morphology — Extinction — RI l — RI ⊥ — DS Color — Color,Pleo — Biref — Sign —	— Chrysotile — Amosite / — Other	30 Cellulose — Fiberglass 60 Other synthetic & hair	10 Mineral Filler — Organic Binders — Vermiculite — Other	— Organic — Residue — Carbonate — Other — Asbestos
Point Count Results on the back	Comments:			QC ☐		
	Method: ☐ BLRP + EP1 ☐ BLRP ☐ EP1 ☐ other ☒ SCANNING OPTION: BLRP (FC 13 EP1 Fast 4 preps Asbestos = 0					

2 Field No 10	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (ID08) Results %
Gravimetric (ID08) Required ☐ Recommended ☐ Gravimetric PREP ☐ Gravimetric (ID08) PLM ☐ Gravimetric (ID08) TEM ☐	Color Lt gray Texture F Homogeneity VY # of Layers — Asbestos ☐ ☒ Color of Layer — Detected Yes No	Morphology — Extinction — RI l — RI ⊥ — DS Color — Color,Pleo — Biref — Sign —	— Chrysotile — Amosite / — Other	30 Cellulose — Fiberglass 60 Other synthetic & hair	10 Mineral Filler — Organic Binders — Vermiculite — Other	— Organic — Residue — Carbonate — Other — Asbestos
Point Count Results on the back	Comments:			QC ☒ ND		
	Method: ☐ BLRP + EP1 ☐ BLRP ☐ EP1 ☐ other ☒ SCANNING OPTION: BLRP (FC 13 EP1 Fast 4 preps Asbestos = 0					

3 Field No.	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (ID08) Results %
Gravimetric (ID08) Required ☐ Recommended ☐ Gravimetric PREP ☐ Gravimetric (ID08) PLM ☐ Gravimetric (ID08) TEM ☐	Color — Texture — Homogeneity — # of Layers — Asbestos ☐ ☐ Color of Layer — Detected Yes No	Morphology — Extinction — RI l — RI ⊥ — 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	Comments:			QC ☐		
	Method: ☐ BLRP + EP1 ☐ BLRP ☐ EP1 ☐ other ☐ SCANNING OPTION: BLRP (FC 13 EP1 Fast 4 preps Asbestos = 0					

4 Field No	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (ID08) Results %
Gravimetric (ID08) Required ☐ Recommended ☐ Gravimetric PREP ☐ Gravimetric (ID08) PLM ☐ Gravimetric (ID08) TEM ☐	Color — Texture — Homogeneity — # of Layers — Asbestos ☐ ☐ Color of Layer — Detected Yes No	Morphology — Extinction — RI l — RI ⊥ — 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	Comments:			QC ☐		
	Method: ☐ BLRP + EP1 ☐ BLRP ☐ EP1 ☐ other ☐ SCANNING OPTION: BLRP (FC 13 EP1 Fast 4 preps Asbestos = 0					

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