



ATHENICA

ENVIRONMENTAL SERVICES INC.

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TEM DEPARTMENT

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TEM AHERA COUNTSHEET

CLIENT: <u>WARREN # PANZER</u>	DATE: <u>9/6/02</u>
PROJECT: <u>NYC DEP / 75 MAIDEN LANE</u>	ANALYST: <u>E.S.</u>
BATCH #: <u>T02-09-008</u>	CLIENT ID #: <u>03</u>
SAMPLE ID #: <u>T02-09-008-2110</u>	VOLUME (lit): <u>1440</u>
G.O. AREA (mm ²): <u>0.012422</u>	GO's TO ANALYZE: <u>5</u>
MAGNIFICATION: <u>19K</u>	ACC. VOLTAGE (KeV): <u>100</u>
INSTRUMENT: <u>JEOL 100CX II</u>	FILTER AREA (mm ²): <u>385</u>
ANALYTICAL METHODOLOGY: EPA FEDERAL REGISTER, VOL. 52, No 210, OCT. 30, 1987, #40 CFR, PART 763, APPENDIX A TO SUBPART E	

GRI D	GO ID	Str. #	Str. Classf.	L (μm)	W (μm)	Structure sketch	SAE D	EDXA	PHO TO#	ID
A	E4	SD								
	I8	SD								
	B2	I	M	3.5	2.0		chr	Hg, Si, Fe	1100	chr
B	G6	SD								
	C7	SD								

Morphology only

Analytical Sensitivity (str/cm ³): <u>0.0043</u>	Eucentricity check:
Concentration (str/cm ³): <u>0.0043</u>	*Grid acceptance criteria check: (A) <u>✓</u> (B) <u>✓</u>
Concentration (str/mm ²): <u>16.12</u>	**CHR. # STRUCT.: F <u>0</u> M <u>0</u> C <u>0</u> B <u>0</u>
Number of Asbestos Structures: 0.5 ≤ S < 5 μm <u>01</u>	**AMPH. # STRUCT.: F <u>0</u> M <u>0</u> C <u>0</u> B <u>0</u>
S ≥ 5 μm <u>0</u>	Specify AMPH. Type: AM. ACT. TRE.
Number of Non-asbestos Structures: <u>0</u>	CRO. ANTH.

* Replica covers >50%, at least 20 GO's with no overlapping or folded replica, intact GO's have >50% coverage, <50% Undissolved filter, <5% holes or opaque areas, <10% particulate coverage.

** CHR.=chrysotile, AMPH.=amphibole, AM.=amosite, ACT.=actinolite, TRE.=tremolite, CRO.=crocidolite, ANTH.=anthophyllite.