



ATHENICA
ENVIRONMENTAL SERVICES INC.

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TEM DEPARTMENT

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TEM AHERA COUNTSHEET

CLIENT: <u>WARREN & PANZER</u>	DATE: <u>1/14/03</u>
PROJECT: <u>NYC DEP/15 PARK ROW</u>	ANALYST: <u>ES</u>
BATCH #: <u>T03-01-011</u>	CLIENT ID #: <u>05</u>
SAMPLE ID #: <u>T03-01-011-053</u>	VOLUME (lt): <u>1584</u>
G.O. AREA (mm ²): <u>0.012820</u>	GO's TO ANALYZE: <u>4</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	E8	NSD								
	B6	NSD								
B	B3	NSD								
	H7	NSD								

Analytical Sensitivity (str/cm ³): <u>0.0047</u>	Eucentricity check:
Concentration (str/cm ³): <u><0.0047</u>	*Grid acceptance criteria check: (A) <u>✓</u> (B) <u>✓</u>
Concentration (str/mm ²): <u><19.5</u>	**CHR. # STRUCT.: F M C B
Number of Asbestos Structures: 0.5 ≤ S < 5µm <u>0</u>	**AMPH. # STRUCT.: F M C B
S ≥ 5µm <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

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