



ATHENICA
ENVIRONMENTAL SERVICES INC.

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TEM DEPARTMENT

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TEM AHERA COUNTSHEET

CLIENT : WARREN & PANZER	DATE : 10/26/02
PROJECT : NYC DEP / 170 WILLIAM ST.	ANALYST : E.S.
BATCH # : T02-10-171	CLIENT ID # : 01
SAMPLE ID # : T02-10-171-3558	VOLUME (lt) : 1320
G.O. AREA (mm²) : 0.013433	GO's TO ANALYZE : 5
MAGNIFICATION : 19K	ACC. VOLTAGE (KeV) : 100
INSTRUMENT : JEOL 100CX II	FILTER AREA (mm²) : 385
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
B	E3	N5D								
	D5	N5D								
	H7	N5D								
A	C4	N5D								
	F2	N5D								

Analytical Sensitivity (str/cm ³): 0.0043	Eucentricity check :
Concentration (str/cm ³): 20.0043	*Grid acceptance criteria check : (A)...✓ (B)...✓
Concentration (str/mm ²): 214.89	**CHR. # STRUCT.: F M C B
Number of Asbestos Structures : 0.5 ≤ S < 5 µm ... 0.	**AMPH. # STRUCT.: F M C B
S ≥ 5 µm 0	Specify AMPH. Type : AM. ACT. TRE.
Number of Non-asbestos Structures: 0	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