



ATHENICA
ENVIRONMENTAL SERVICES INC.

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TEM DEPARTMENT

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TEM AHERA COUNTSHEET

CLIENT : WARREN & PANZER	DATE : 12/3/02
PROJECT : NYC DEP/300 ALBANY ST.	ANALYST : ~~END~~ 67
BATCH # : T02-12-003	CLIENT ID # : 03
SAMPLE ID # : T02-12-003-4341	VOLUME (lt) : 1800
G.O. AREA (mm ²) : 0.013433	GO's TO ANALYZE : 4
MAGNIFICATION : 19K	ACC. VOLTAGE (KeV) : 100
INSTRUMENT : JEOL 100CX II	FILTER AREA (mm ²) : 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	B9	MSD								
	H6	1	M	2.8	0.9		chr	My, S, Fe		chr
A	C3	MSD								
	F8	MSD								

Analytical Sensitivity (str/cm ²): 0.0040	Eucentricity check :
Concentration (str/cm ²): 0.0040	*Grid acceptance criteria check : (A) ☒ (B) ☒
Concentration (str/mm ²): 18.61	**CHR. # STRUCT. : F 0 M 0 C 0 B 0
Number of Asbestos Structures : 0.5 < S < 5 μm : 01	**AMPH. # STRUCT. : F M C B
S ≥ 5 μm : 0...	Specify AMPH. Type : AM. ACT. TRE.
Number of Non-asbestos Structures : 6...	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