



ATHENICA
ENVIRONMENTAL SERVICES INC.

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TEM DEPARTMENT

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TEM AHERA COUNTSHEET

CLIENT : <i>Warren & Panzer</i>	DATE : <i>8/11/02</i>
PROJECT : <i>NYCDEP/75 Murray Street</i>	ANALYST : <i>E.S.</i>
BATCH # : <i>T02-08-047</i>	CLIENT ID # : <i>05</i>
SAMPLE ID # : <i>T02-08-047-1445</i>	VOLUME (lt) : <i>1440</i>
G.O. AREA (mm²) : <i>0.012422</i>	GO's TO ANALYZE : <i>5</i>
MAGNIFICATION : <i>1911</i>	ACC. VOLTAGE (KeV) : <i>100</i>
INSTRUMENT : <i>JEOL 100CX II</i>	FILTER AREA (mm²) : <i>385</i>
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	D10	NSD								
	C4	NSD								
A	C2	NSD								
	E4	NSD								
	G8	NSD								

Analytical Sensitivity (str/cm²): <i>0.0043</i>	Eucentricity check :
Concentration (str/cm²): <i>40.0043</i>	*Grid acceptance criteria check : (A)... (B)...
Concentration (str/mm²): <i>4.16-10</i>	**CHR. # STRUCT.: F M C B
Number of Asbestos Structures : <i>0.5 ≤ S < 5 μm : 0...</i>	**AMPH. # STRUCT.: F M C B
<i>S ≥ 5 μm : 0...</i>	Specify AMPH. Type : AM. ACT. TRE.
Number of Non-asbestos Structures: <i>0...</i>	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.