ATHENICA
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TEM DEPARTMENT

TEM AHERA COUNTSHEET

CLIENT : WARREN & PANZER	DATE : 1/27/03
PROJECT : NYCDEP/15 PARK ROW	ANALYST : EMD
BATCH # : T03-01-022	CLIENT ID # : 02
SAMPLE ID # : T03-01-022 095	VOLUME (lt) : 1719
G.O. AREA (mm^2) : 0.012820	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	

GRID	GO ID	Str. #	Str. Classf.	L (µm)	W (µm)	Structure sketch	SAED	EDXA	PHOTO#	ID	
A	D2										
	F5	1	F	1.3	0.1		chr	Mg-silic		chr	Dif. part too weak
B	G7	1	B	4.3	0.25		chr	-"-		chr	
	C8										

Analytical Sensitivity (str/cm^3): 0.0044	Eucentricity check : ✓
Concentration (str/cm^3) : 0.0087	*Grid acceptance criteria check : (A)...✓ (B)...✓
Concentration (str/mm^2) : 39.00	**CHR. # STRUCT. : F 01 M 0 C 0 B 01
Number of Asbestos Structures : 0.5≤S<5µm ..02	**AMPH. # STRUCT.:F M C B
S≥5µm .....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