NYC 9/11 Public Portal Document

ATHENICA
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## TEM DEPARTMENT

## TEM AHERA COUNTSHEET

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|---|---|
| CLIENT : WARREN & PANZER | DATE : 9/22/02 |
| PROJECT : NYCDEP/62 WILLIAMS ST. | ANALYST : E-S. |
| BATCH # : T02-09-075 | CLIENT ID # : 5 |
| SAMPLE ID # : T02-09-075-2449 | VOLUME (lt) : 1320 |
| G.O. AREA ($mm^2$) : 0.013838 | GO's TO ANALYZE : 5 |
| 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 | D3 | NSD | | | | | | | | |
| | B6 | NSD | | | | | | | | |
| B | H7 | NSD | | | | | | | | |
| | F5 | NSD | | | | | | | | |
| | E3 | NSD | | | | | | | | |
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| Analytical Sensitivity (str/$cm^2$): 0.0047 | Eucentricity check : ✓ |
| Concentration (str/$cm^3$) : <0.0047 | *Grid acceptance criteria check : (A)...✓ (B)...✓ |
| Concentration (str/$mm^2$) : < 14.45 | **CHR. # STRUCT. : F M C B |
| Number of Asbestos Structures : 0.5≤S<5µm ...0.. | **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



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