

## ATC ASSOCIATES INC - NEW YORK BULK ASBESTOS ANALYSIS SHEET

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NYLAP 101187

ELAP 10879

Microscope OLYMP B10-Z

Client / Project NYC-BOE/PS 89 M, 201 WARREN ST, NY, NY 10282 Project No. 14584-0819Analysis Date 11/02/01 Analyst E. A. CARTEROS Batch No. 19694

|   |                                                     |                                                                                                                                                                                                                                         |                                                                       |                        |                      |                        |                               |                          |                             |
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| 1 | Field No. <u>17</u>                                 | Stereoscopic Exam                                                                                                                                                                                                                       |                                                                       | PLM Optical Properties |                      | Asbestos Results PLM % | Other Fibrous %               | Non Fibrous %            | Gravimetric (NOB) Results % |
|   | Gravimetric (NOB) Required <input type="checkbox"/> | Color <u>Brown</u>                                                                                                                                                                                                                      | Texture <u>F</u>                                                      | Morphology <u>Wavy</u> | Extinction <u>11</u> | <u>0.25</u> Chrysotile | <u>12.75</u> Cellulose        | <u>25</u> Mineral Filler | Organic                     |
|   | Recommended <input checked="" type="checkbox"/>     | Homogeneity <u>Y</u>                                                                                                                                                                                                                    | Asbestos <input checked="" type="checkbox"/> <input type="checkbox"/> | RI I <u>1.549</u>      | RI II <u>1.556</u>   | Amosite                | <u>62</u> Fiberglass          | Organic Binders          | Residue                     |
|   | Gravimetric PREP <input type="checkbox"/>           | # of Layers                                                                                                                                                                                                                             | Detected Yes No                                                       | DS Color <u>B/M</u>    | Color, Pleo <u>N</u> | Other                  | Other                         | Vermiculite              | Carbonate                   |
|   | Gravimetric (NOB) PLM <input type="checkbox"/>      | Color of Layer                                                                                                                                                                                                                          |                                                                       | Biref <u>L</u>         | Sign <u>+</u>        |                        |                               | Other                    | Other                       |
|   | Gravimetric (NOB) TEM <input type="checkbox"/>      | Comments:                                                                                                                                                                                                                               |                                                                       |                        |                      |                        |                               |                          | Asbestos                    |
|   | POINT COUNT RESULTS ON THE BACK                     | Method: <input checked="" type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER <input type="checkbox"/> SCANNING OPTION: ELAP (P.C.) & EPA First 4 prep. Asbestos = 0 |                                                                       |                        |                      |                        | Q.C. <input type="checkbox"/> |                          |                             |

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| 2 | Field No. <u>18</u>                                 | Stereoscopic Exam                                                                                                                                                                                                                       |                                                                       | PLM Optical Properties |             | Asbestos Results PLM % | Other Fibrous %               | Non Fibrous %            | Gravimetric (NOB) Results % |
|   | Gravimetric (NOB) Required <input type="checkbox"/> | Color <u>Brown</u>                                                                                                                                                                                                                      | Texture <u>F</u>                                                      | Morphology             | Extinction  | <del>Chrysotile</del>  | <u>20</u> Cellulose           | <u>30</u> Mineral Filler | Organic                     |
|   | Recommended <input type="checkbox"/>                | Homogeneity <u>Y</u>                                                                                                                                                                                                                    | Asbestos <input type="checkbox"/> <input checked="" type="checkbox"/> | RI I                   | RI II       | Amosite                | <u>50</u> Fiberglass          | Organic Binders          | Residue                     |
|   | Gravimetric PREP <input type="checkbox"/>           | # of Layers                                                                                                                                                                                                                             | Detected Yes No                                                       | DS Color               | Color, Pleo | Other                  | Other                         | Vermiculite              | Carbonate                   |
|   | Gravimetric (NOB) PLM <input type="checkbox"/>      | Color of Layer                                                                                                                                                                                                                          |                                                                       | Biref                  | Sign        |                        |                               | Other                    | Other                       |
|   | Gravimetric (NOB) TEM <input type="checkbox"/>      | Comments:                                                                                                                                                                                                                               |                                                                       |                        |             |                        |                               |                          | Asbestos                    |
|   | POINT COUNT RESULTS ON THE BACK                     | Method: <input type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> SCANNING OPTION: ELAP (P.C.) & EPA First 4 prep. Asbestos = 0 |                                                                       |                        |             |                        | Q.C. <input type="checkbox"/> |                          |                             |

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| 3 | Field No. <u>19</u>                                 | Stereoscopic Exam                                                                                                                                                                                                                       |                                                                       | PLM Optical Properties |                      | Asbestos Results PLM %  | Other Fibrous %               | Non Fibrous %            | Gravimetric (NOB) Results % |
|   | Gravimetric (NOB) Required <input type="checkbox"/> | Color <u>Brown</u>                                                                                                                                                                                                                      | Texture <u>F</u>                                                      | Morphology <u>Wavy</u> | Extinction <u>11</u> | <u>Trace</u> Chrysotile | <u>10</u> Cellulose           | <u>27</u> Mineral Filler | Organic                     |
|   | Recommended <input type="checkbox"/>                | Homogeneity <u>Y</u>                                                                                                                                                                                                                    | Asbestos <input checked="" type="checkbox"/> <input type="checkbox"/> | RI I <u>1.549</u>      | RI II <u>1.556</u>   | Amosite                 | <u>63</u> Fiberglass          | Organic Binders          | Residue                     |
|   | Gravimetric PREP <input type="checkbox"/>           | # of Layers                                                                                                                                                                                                                             | Detected Yes No                                                       | DS Color <u>B/M</u>    | Color, Pleo <u>N</u> | Other                   | Other                         | Vermiculite              | Carbonate                   |
|   | Gravimetric (NOB) PLM <input type="checkbox"/>      | Color of Layer                                                                                                                                                                                                                          |                                                                       | Biref <u>L</u>         | Sign <u>+</u>        |                         |                               | Other                    | Other                       |
|   | Gravimetric (NOB) TEM <input type="checkbox"/>      | Comments:                                                                                                                                                                                                                               |                                                                       |                        |                      |                         |                               |                          | Asbestos                    |
|   | POINT COUNT RESULTS ON THE BACK                     | Method: <input checked="" type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER <input type="checkbox"/> SCANNING OPTION: ELAP (P.C.) & EPA First 4 prep. Asbestos = 0 |                                                                       |                        |                      |                         | Q.C. <input type="checkbox"/> |                          |                             |

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| 4 | Field No. <u>20</u>                                 | Stereoscopic Exam                                                                                                                                                                                                                       |                                                                       | PLM Optical Properties |             | Asbestos Results PLM % | Other Fibrous %                                    | Non Fibrous %            | Gravimetric (NOB) Results % |
|   | Gravimetric (NOB) Required <input type="checkbox"/> | Color <u>Brown</u>                                                                                                                                                                                                                      | Texture <u>F</u>                                                      | Morphology             | Extinction  | <del>Chrysotile</del>  | <u>17</u> Cellulose                                | <u>23</u> Mineral Filler | Organic                     |
|   | Recommended <input type="checkbox"/>                | Homogeneity <u>Y</u>                                                                                                                                                                                                                    | Asbestos <input type="checkbox"/> <input checked="" type="checkbox"/> | RI I                   | RI II       | Amosite                | <u>60</u> Fiberglass                               | Organic Binders          | Residue                     |
|   | Gravimetric PREP <input type="checkbox"/>           | # of Layers                                                                                                                                                                                                                             | Detected Yes No                                                       | DS Color               | Color, Pleo | Other                  | Other                                              | Vermiculite              | Carbonate                   |
|   | Gravimetric (NOB) PLM <input type="checkbox"/>      | Color of Layer                                                                                                                                                                                                                          |                                                                       | Biref                  | Sign        |                        |                                                    | Other                    | Other                       |
|   | Gravimetric (NOB) TEM <input type="checkbox"/>      | Comments:                                                                                                                                                                                                                               |                                                                       |                        |             |                        |                                                    |                          | Asbestos                    |
|   | POINT COUNT RESULTS ON THE BACK                     | Method: <input type="checkbox"/> ELAP + EPA <input type="checkbox"/> ELAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> SCANNING OPTION: ELAP (P.C.) & EPA First 4 prep. Asbestos = 0 |                                                                       |                        |             |                        | Q.C. <input checked="" type="checkbox"/> ND / SIC. |                          |                             |