

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

104 East 25th Street, 10th Floor - New York, NY 10010 - Phone (212) 353 - 8280, FAX (212) 353 - 3599 or 8306

INELAP 101187

ELAP 10879

Microscope OLYMP BH-2

Client / Project NYC-BOE/PS 89MProject No. 14584-0819Analysis Date 01/29/02Analyst E. A. CuatrecasasBatch No. 19661

| Field No.                                                                                                                                                                                                                                | Stereoscopic Exam                                                                                                                                                                                           | PLM Optical Properties                                                                                                    | Asbestos Results PLM %                                                                                                                     | Other Fibrous %                                                                                             | Non Fibrous %                                                                                                                                                 | Gravimetric (HOB) Results %                          |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|
| 01                                                                                                                                                                                                                                       | Color <u>Brown</u> Texture <u>F</u><br>Homogeneity <u>N</u><br># of Layers _____ Asbestos <input type="checkbox"/> <input checked="" type="checkbox"/><br>Color of Layer _____ Detected Yes No<br>Comments: | Morphology _____ Extinction _____<br>RI I _____ RI II _____<br>DS Color _____ Color, Pleo _____<br>Biref _____ Sign _____ | <input checked="" type="checkbox"/> Chrysotile<br><input checked="" type="checkbox"/> Amosite<br><input checked="" type="checkbox"/> Other | <u>40</u> Cellulose<br><u>20</u> Fiberglass<br><u>Synthetic</u> Other                                       | <u>40</u> Mineral Filler<br>Organic Binders<br>Vermiculite<br>Other                                                                                           | Organic<br>Residue<br>Carbonate<br>Other<br>Asbestos |
| 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 preps. Asbestos = 0 |                                                                                                                                                                                                             |                                                                                                                           | Q.C. <input type="checkbox"/>                                                                                                              |                                                                                                             |                                                                                                                                                               |                                                      |
| 02                                                                                                                                                                                                                                       | Color <u>Brown</u> Texture <u>F</u><br>Homogeneity <u>Y</u><br># of Layers _____ Asbestos <input type="checkbox"/> <input checked="" type="checkbox"/><br>Color of Layer _____ Detected Yes No<br>Comments: | Morphology _____ Extinction _____<br>RI I _____ RI II _____<br>DS Color _____ Color, Pleo _____<br>Biref _____ Sign _____ | <input checked="" type="checkbox"/> Chrysotile<br><input checked="" type="checkbox"/> Amosite<br><input checked="" type="checkbox"/> Other | <u>10</u> Cellulose<br><u>10</u> Fiberglass<br><u>Synthetic</u> Other                                       | <u>80</u> Mineral Filler<br>Organic Binders<br>Vermiculite<br>Other                                                                                           | Organic<br>Residue<br>Carbonate<br>Other<br>Asbestos |
| 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 preps. Asbestos = 0 |                                                                                                                                                                                                             |                                                                                                                           | Q.C. <input type="checkbox"/>                                                                                                              |                                                                                                             |                                                                                                                                                               |                                                      |
| 03                                                                                                                                                                                                                                       | Color <u>Brown</u> Texture <u>F</u><br>Homogeneity <u>N</u><br># of Layers _____ Asbestos <input type="checkbox"/> <input checked="" type="checkbox"/><br>Color of Layer _____ Detected Yes No<br>Comments: | Morphology _____ Extinction _____<br>RI I _____ RI II _____<br>DS Color _____ Color, Pleo _____<br>Biref _____ Sign _____ | <input checked="" type="checkbox"/> Chrysotile<br><input checked="" type="checkbox"/> Amosite<br><input checked="" type="checkbox"/> Other | <u>30</u> Cellulose<br><u>10</u> Fiberglass<br><u>Synthetic</u> Other                                       | <u>70</u> Mineral Filler<br>Organic Binders<br>Vermiculite<br>Other                                                                                           | Organic<br>Residue<br>Carbonate<br>Other<br>Asbestos |
| 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 preps. Asbestos = 0 |                                                                                                                                                                                                             |                                                                                                                           | Q.C. <input type="checkbox"/>                                                                                                              |                                                                                                             |                                                                                                                                                               |                                                      |
| 04                                                                                                                                                                                                                                       | Color _____ Texture _____<br>Homogeneity _____<br># of Layers _____ Asbestos <input type="checkbox"/> <input type="checkbox"/><br>Color of Layer _____ Detected Yes No<br>Comments:                         | Morphology _____ Extinction _____<br>RI I _____ RI II _____<br>DS Color _____ Color, Pleo _____<br>Biref _____ Sign _____ | <input type="checkbox"/> Chrysotile<br><input type="checkbox"/> Amosite<br><input type="checkbox"/> Other                                  | <input type="checkbox"/> Cellulose<br><input type="checkbox"/> Fiberglass<br><input type="checkbox"/> Other | <input type="checkbox"/> Mineral Filler<br><input type="checkbox"/> Organic Binders<br><input type="checkbox"/> Vermiculite<br><input type="checkbox"/> Other | Organic<br>Residue<br>Carbonate<br>Other<br>Asbestos |
| Method: <input 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 preps. Asbestos = 0            |                                                                                                                                                                                                             |                                                                                                                           | Q.C. <input type="checkbox"/>                                                                                                              |                                                                                                             |                                                                                                                                                               |                                                      |

CITY\_21MC100\_003030846