NYC 9/11 Public Portal Document

EMSL Analytical, Inc.
107 Haddon Avenue
Westmont, NJ. 08108
(856) 858-4800

11/28/01

Attention: *U.S. EPA*
HQ Financial Services Division
1200 Pennsylvania Avenue
NW Maildrop 2734R
Washington, DC. 20460

Project: Residential Sampling
Ref. Number: 360100632

♦ Certificate Of Analysis ♦

Sample ID	*Description*	*Particle ID*	*Concentration (%)*	*Analytical Sensitivity (%)*
(R)SS-0-7	Outdoors	Quartz	13.7	0.01
		Cristobalite	ND	0.03
		Tridymite	ND	N/A
		Calcite	6.6	0.01
		Portland/ Lime	1.3	0.05
		Gypsum	12.4	0.02
		Mica	ND	0.05
		Halite	0.1	0.03
		Fibrous Glass	1.1	0.1
(R)VS-C-7	Hallway	Quartz	10.5	0.01
		Cristobalite	ND	0.03
		Tridymite	ND	N/A
		Calcite	7.7	0.01
		Portland/ Lime	3.2	0.05
		Gypsum	14.5	0.02
		Mica	0.09	0.05
		Halite	0.04	0.03
		Fibrous Glass	4.8	0.1

Analysis Performed By:	Polarized Light Microscopy (PLM) Scanning Electron Microscopy (SEM) X-Ray Diffraction (XRD)

John Newton
Analyst

26 November, 2001
Date of Analysis

TNTQ = Too Numerous To Quantify ND = None Detected

CONFIDENTIAL, CITY_21MC100_003433976
SUBJECT TO PROTECTIVE ORDER NO. 2, SEPT. 2008

NYC-WTC_000176072

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Sample ID	*Description*	*Particle ID*	*Concentration (%)*	*Analytical Sensitivity (%)*
(R)VS-R1-7	21st Floor	Quartz	14.4	0.01
		Cristobalite	ND	0.03
		Tridymite	ND	N/A
		Calcite	12.5	0.01
		Portland/ Lime	2.1	0.05
		Gypsum	1.9	0.02
		Mica	ND	0.05
		Halite	ND	0.03
		Fibrous Glass	2.7	0.1
(R)VS-R2-7	21st Floor	Quartz	21.1	0.01
		Cristobalite	ND	0.03
		Tridymite	ND	N/A
		Calcite	15.9	0.01
		Portland/ Lime	3.4	0.05
		Gypsum	3.5	0.02
		Mica	ND	0.05
		Halite	0.09	0.03
		Fibrous Glass	3.3	0.1

Analysis Performed By:	Polarized Light Microscopy (PLM) Scanning Electron Microscopy (SEM) X-Ray Diffraction (XRD)

John Newton
Analyst

26 November, 2001
Date of Analysis

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CONFIDENTIAL, CITY_21MC100_003433977
SUBJECT TO PROTECTIVE ORDER NO. 2, SEPT. 2008

NYC-WTC_000176073

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(R)SS-R2-7	21st Floor	Quartz	17.6	0.01
		Cristobalite	ND	0.03
		Tridymite	ND	N/A
		Calcite	9.4	0.01
		Portland/ Lime	1.3	0.05
		Gypsum	2.2	0.02
		Mica	ND	0.05
		Halite	ND	0.03
		Fibrous Glass	4.6	0.1

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