NYC 9/11 Public Portal Document

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10/2/01

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Project: #89FUSPS035/ Peck Slip Station
Ref. Number: 360100272

Silica Analysis Performed by X-Ray Diffraction (XRD) Method NIOSH 7500

				Nuisance Dust		*Airborne Silica*			
Sample ID	**Identification**	**Particle ID**	**Volume (L)**	**Sample Weight (mg)**	**Sample Conc. (mg/m^3)**	**Silica Weight (mg)**	**Silica Conc. (mg/m^3)**	**% Silica**	**Analytical Sensitivity (mg/m^3)**
2P1S1		Quartz	1000	0.190	0.1900	<0.004	<0.0200	N/A	0.0200
2P2S2		Quartz	1250	0.270	0.2160	<0.004	<0.0160	N/A	0.0160
2P3S3		Quartz	1200	0.150	0.1250	<0.004	<0.0167	N/A	0.0167
2P4S4		Quartz	1300	0.000	0.0000	<0.004	<0.0154	N/A	0.0154
2P5S5		Quartz	1300	0.200	0.1538	<0.004	<0.0154	N/A	0.0154
Std. #3	0.008 mg	Quartz				0.008			

Bulk Analysis:

Sample ID	Sample Description	Silica Forms Identified
Bulk Not	Submitted	

M. Vargas & J. Newton
Analyst

28 September, 2001
Date of Analysis

Disclaimer: The laboratory can only verify the concentration of silica on the filter and not the final concentration due to data obtained by non-laboratory personnel. In the absence of a bulk dust sample, the specific form of crystalline silica can not be determined. Hence, alpha-quartz, the most prevalent form of crystalline silica, will be assumed.