

**WEAVER BOOS CONSULTANTS**

35 East Wacker Drive, Suite #1250

Chicago, IL 60601

**Sampling Field Form**Date: 11/27/2013Project: Quinn EmanuelLocation: Chicago, ILProject #: 3682-300-07Group ID: PSample ID: 95GPS Coordinates (UTM): 448403 Northing 4613063 EastingWipe Samples Sample Time: 16:50Duplicate: N/ATime: N/AField Blank: N/ATime: N/A

Sampling Media:		Solvent:		Surface Area Measurement:	
Ghost Wipe	X	Pre-Moistened	X	Template	X
Cotton Gauze	X	Distilled Water		Measured Area	
Filter Paper		Isoctane	X	Estimated Area	

Other: \_\_\_\_\_ Other: \_\_\_\_\_ Other: \_\_\_\_\_

Surface Type (Circle One): Metal, Plastic, Glass, Painted Wood, Wood, Concrete, Painted Concrete, Other

Description of Location: NW face of building behind NW baseball diamond home plateBulk Soil Sample: 95 / 0-0.5'Time: 16:55Duplicate: DUP-7 / 0-0.5'Time: 17:00Description of Sample: Black to dark brown loamNear Surface Stained Soil/Stressed Vegetation/Asphalt?: Yes If Yes, Distance: 2 ft**XRF Compositional Data (ppm):**As: 18 +/- 10.5 Hg: 0 +/- 10.1 Rb: 71.7 +/- 7.8Co: 0 +/- 312 Mn: 361.1 +/- 123.6 Se: 0.0 +/- 6.7Cr: 0 +/- 236 Mo: 0 +/- 7.4 Sr: 72.7 +/- 7.9Cu: 0 +/- 39.6 Ni: 0 +/- 60.5 Zn: 136.4 +/- 28.4Fe: 25,900 +/- 600 Pb: 30.4 +/- 12.5 Zr: 201.6 +/- 15.3**Weather Conditions:**Skies: C Temp: 24 deg F Wind: N/NW 5 mphPrecipitation: None

Additional Notes: \_\_\_\_\_

Sampler(s): Paul GrucaTitle(s): Project Geologist

Revised 11/25/13

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35 East Wacker Drive, Suite #1250

Chicago, IL 60601

## Sampling Field Form

Date: 11/27/2013

Project: Quinn Emanuel

Location: Chicago, IL

Project #: 3682-300-07

Group ID: P

Sample ID: 111

GPS Coordinates (UTM): 446907 Northing 4612573 Easting

Wipe Samples Sample Time: 16:30

Duplicate: N/A Time: N/A

Field Blank: N/A Time: N/A

Sampling Media:		Solvent:		Surface Area Measurement:	
Ghost Wipe	X	Pre-Moistened	X	Template	X
Cotton Gauze	X	Distilled Water		Measured Area	
Filter Paper		Isoctane	X	Estimated Area	

Other: Other: Other:

Surface Type (Circle One): Metal, Plastic, Glass, Painted Wood, Wood, Concrete, Painted Concrete, Other

Description of Location: Bus sign post at 127th St & Lowe

Bulk Soil Sample: 111 / 0-0.5' Time: 16:35

Duplicate: N/A Time: N/A

Description of Sample: Black clayey loam

Near Surface Stained Soil/Stressed Vegetation/Asphalt?: Yes If Yes, Distance: 8 ft

### XRF Compositional Data (ppm):

As: 0 +/- 23.6 Hg: 0 +/- 9.6 Rb: 32.1 +/- 5.3

Co: 0 +/- 207 Mn: 393.8 +/- 113.0 Se: 0.0 +/- 6.9

Cr: 0 +/- 169 Mo: 0 +/- 6.9 Sr: 76.8 +/- 7.8

Cu: 0 +/- 36 Ni: 0 +/- 48.7 Zn: 210.3 +/- 32.3

Fe: 12,800 +/- 400 Pb: 137.1 +/- 21.3 Zr: 112.8 +/- 12

### Weather Conditions:

Skies: C Temp: 24 deg F Wind: N/NW 5 mph

Precipitation: None

Additional Notes:

Sampler(s): Paul Gruca

Title(s): Project Geologist

Revised 11/25/13

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Chicago, IL 60601

## Sampling Field Form

Date: 11/27/2013

Project: Quinn Emanuel

Location: Chicago, IL

Project #: 3682-300-07

Group ID: P

Sample ID: 108

GPS Coordinates (UTM): 447545 Northing 4613389 Easting

Wipe Samples Sample Time: 16:00

Duplicate: N/A Time: N/A

Field Blank: N/A Time: N/A

Sampling Media:		Solvent:		Surface Area Measurement:	
Ghost Wipe	X	Pre-Moistened	X	Template	X
Cotton Gauze	X	Distilled Water		Measured Area	
Filter Paper		Isoctane	X	Estimated Area	

Other: Other: Other:

Surface Type (Circle One): Metal, Plastic, Glass, Painted Wood, Wood, Concrete, Painted Concrete, Other

Description of Location: Bench in NE of park along 123rd St

Bulk Soil Sample: 108 / 0-0.5' Time: 16:05

Duplicate: N/A Time: N/A

Description of Sample: Black silty clay loam

Near Surface Stained Soil/Stressed Vegetation/Asphalt?: Yes If Yes, Distance: 1 ft

### XRF Compositional Data (ppm):

As: 0 +/- 19.8 Hg: 0 +/- 7.4 Rb: 28.4 +/- 4.4

Co: 0 +/- 166 Mn: 381.3 +/- 96.9 Se: 0.0 +/- 6.1

Cr: 0 +/- 146 Mo: 0 +/- 6.1 Sr: 68.9 +/- 6.6

Cu: 0 +/- 39.3 Ni: 0 +/- 45.6 Zn: 149.1 +/- 24.5

Fe: 10,900 +/- 300 Pb: 132.6 +/- 18.5 Zr: 93.5 +/- 9.9

### Weather Conditions:

Skies: C Temp: 24 deg F Wind: N/NW 5 mph

Precipitation: None

Additional Notes:

Sampler(s): Paul Gruca

Title(s): Project Geologist

Revised 11/25/13

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Chicago, IL 60601

**Sampling Field Form**Date: 11/27/2013Project: Quinn EmanuelLocation: Chicago, ILProject #: 3682-300-07Group ID: PSample ID: 109GPS Coordinates (UTM): 446101 Northing 4614640 EastingWipe Samples Sample Time: 15:10Duplicate: N/ATime: N/AField Blank: N/ATime: N/A

Sampling Media:		Solvent:		Surface Area Measurement:	
Ghost Wipe	X	Pre-Moistened	X	Template	X
Cotton Gauze	X	Distilled Water		Measured Area	
Filter Paper		Isoctane	X	Estimated Area	

Other: \_\_\_\_\_ Other: \_\_\_\_\_ Other: \_\_\_\_\_

Surface Type (Circle One): Metal, Plastic, Glass, Painted Wood, Wood, Concrete, Painted Concrete, Other

Description of Location: SW face of water fountainBulk Soil Sample: 109 / 0-0.5'Time: 15:15Duplicate: DUP-6 / 0-0.5'Time: 15:20Description of Sample: Black sandy loamNear Surface Stained Soil/Stressed Vegetation/Asphalt?: Yes If Yes, Distance: 3 ft**XRF Compositional Data (ppm):**As: 0 +/- 12.1 Hg: 0 +/- 7.8 Rb: 29.3 +/- 4.4Co: 0 +/- 151 Mn: 0.0 +/- 83.5 Se: 0.0 +/- 6Cr: 0 +/- 153 Mo: 0 +/- 5.7 Sr: 53.6 +/- 5.8Cu: 0 +/- 29.4 Ni: 0 +/- 42.1 Zn: 73.1 +/- 18.5Fe: 9,087 +/- 314 Pb: 35.9 +/- 11 Zr: 86 +/- 9.3**Weather Conditions:**Skies: C Temp: 28 deg F Wind: N/NW 5 mphPrecipitation: None

Additional Notes: \_\_\_\_\_

Sampler(s): Paul GrucaTitle(s): Project Geologist

Revised 11/25/13

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Chicago, IL 60601

**Sampling Field Form**Date: 11/27/2013Project: Quinn EmanuelLocation: Chicago, ILProject #: 3682-300-07Group ID: PSample ID: 110GPS Coordinates (UTM): 448325 Northing 4614992 EastingWipe Samples Sample Time: 14:40Duplicate: N/A Time: N/AField Blank: N/A Time: N/A

Sampling Media:		Solvent:		Surface Area Measurement:	
Ghost Wipe	X	Pre-Moistened	X	Template	X
Cotton Gauze	X	Distilled Water		Measured Area	
Filter Paper		Isoctane	X	Estimated Area	

Other: \_\_\_\_\_ Other: \_\_\_\_\_ Other: \_\_\_\_\_

Surface Type (Circle One) Metal, Plastic, Glass, Painted Wood, Wood, Concrete, Painted Concrete, OtherDescription of Location: SW bus sign poleBulk Soil Sample: 110 / 0-0.5' Time: 14:45Duplicate: N/A Time: N/ADescription of Sample: Dark brown loamy sandNear Surface Stained Soil/Stressed Vegetation/Asphalt?: Yes If Yes, Distance: 3 ft**XRF Compositional Data (ppm):**As: 0 +/- 15.1 Hg: 0 +/- 7.8 Rb: 13.8 +/- 4Co: 0 +/- 212 Mn: 238.4 +/- 102.1 Se: 0.0 +/- 7.3Cr: 0 +/- 181 Mo: 7.9 +/- 5.1 Sr: 76 +/- 8.2Cu: 0 +/- 32.5 Ni: 0 +/- 53.4 Zn: 228 +/- 35.3Fe: 10,400 +/- 400 Pb: 101.3 +/- 19.7 Zr: 67.6 +/- 10.8**Weather Conditions:**Skies: C Temp: 28 deg F Wind: N/NW 5 mphPrecipitation: None

Additional Notes: \_\_\_\_\_

Sampler(s): Paul GrucaTitle(s): Project Geologist

Revised 11/25/13