

WEAVER BOOS CONSULTANTS

35 East Wacker Drive, Suite #1250

Chicago, IL 60601

Sampling Field FormDate: 11/27/2013Project: Quinn EmanuelLocation: Chicago, ILProject #: 3682-300-07Group ID BSample ID: 100GPS Coordinates (UTM): 453851 Northing 4617343 EastingWipe Samples Sample Time: 7:08Duplicate: 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		Isotane	X	Estimated Area	

Other: _____ Other: _____ Other: _____

Surface Type (Circle One): Metal, Plastic, Glass, Painted Wood, Wood, Concrete, Painted Concrete, OtherDescription of Location: Lower right corner of bus sign NE of S Commercial and E 104thBulk Soil Sample: 100 / 0-0.5' Time: 7:09Duplicate: N/A Time: N/ADescription of Sample: Black loamNear Surface Stained Soil/Stressed Vegetation/Asphalt?: No If Yes, Distance: _____**XRF Compositional Data:**As: 0 +/- 22.2 Hg: 0 +/- 10.2 Rb: 21.5 +/- 4.3Co: 0 +/- 246 Mo: 0 +/- 6.7 Se: 0 +/- 7.1Cr: 0 +/- 212 Mn: 1,270.0 +/- 176 Sr: 100.5 +/- 8.5Cu: 40.4 +/- 25.5 Ni: 0 +/- 55 Zn: 483.5 +/- 45Fe: 19,800 +/- 500 Pb: 142.1 +/- 20.9 Zr: 93.6 +/- 11.1**Weather Conditions:**Skies: PC Temp: 15 deg F Wind: NW 8 mphPrecipitation: None

Additional Notes: _____

Sampler(s): Sam CantorTitle(s): Project Geologist

Revised 11/25/13

WEAVER BOOS CONSULTANTS

35 East Wacker Drive, Suite #1250

Chicago, IL 60601

Sampling Field FormDate: 11/27/2013Project: Quinn EmanuelLocation: Chicago, ILProject #: 3682-300-07Group ID ASample ID: 32GPS Coordinates (UTM): 454063 Northing 4617725 EastingWipe Samples Sample Time: 7:30Duplicate: 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		Isotane	X	Estimated Area	

Other: _____ Other: _____ Other: _____

Surface Type (Circle One): Metal, Plastic, Glass, Painted Wood, Wood, Concrete, Painted Concrete, OtherDescription of Location: Lower left corner of bus sign NW of S Commercial and E 102nd StBulk Soil Sample: 32 / 0-0.5' Time: 7:30Duplicate: N/A Time: N/ADescription of Sample: Black silty loamNear Surface Stained Soil/Stressed Vegetation/Asphalt?: No If Yes, Distance: _____**XRF Compositional Data:**As: 0 +/- 24.2 Hg: 0 +/- 8.4 Rb: 26.8 +/- 3.8Co: 0 +/- 253 Mo: 0 +/- 5.3 Se: 0 +/- 6.4Cr: 0 +/- 191 Mn: 855.6 +/- 125.6 Sr: 127.1 +/- 7.7Cu: 85.3 +/- 24.6 Ni: 0 +/- 45.1 Zn: 1482 +/- 62Fe: 31,500 +/- 500 Pb: 278.5 +/- 22.9 Zr: 82 +/- 8.8**Weather Conditions:**Skies: PC Temp: 15 deg F Wind: NW 8 mphPrecipitation: None

Additional Notes: _____

Sampler(s): Sam CantorTitle(s): Project Geologist

Revised 11/25/13

WEAVER BOOS CONSULTANTS

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 A

Sample ID: 1

GPS Coordinates (UTM): 451818 Northing 4619107 Easting

Wipe Samples Sample Time: 7:56

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		Isotane	X	Estimated Area	

Other: Other: Other:

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

Description of Location: Rear of bus shelter over CoC emblem SW of intersection

Bulk Soil Sample: 1 / 0-0.5' Time: 7:57

Duplicate: N/A Time: N/A

Description of Sample: Brown sandy loam

Near Surface Stained Soil/Stressed Vegetation/Asphalt?: No If Yes, Distance:

XRF Compositional Data:

As: 0 +/- 22.8 Hg: 0 +/- 11.8 Rb: 51.3 +/- 6.9

Co: 0 +/- 324 Mo: 0 +/- 7.2 Se: 0 +/- 7.7

Cr: 0 +/- 220 Mn: 487.1 +/- 137.9 Sr: 92.8 +/- 9.1

Cu: 75.7 +/- 31.5 Ni: 0 +/- 64.1 Zn: 220.4 +/- 35.1

Fe: 27,200 +/- 700 Pb: 126.6 +/- 21.9 Zr: 136.5 +/- 13.7

Weather Conditions:

Skies: PC Temp: 15 deg F Wind: NW 10 mph

Precipitation: None

Additional Notes:

Sampler(s): Sam Cantor

Title(s): Project Geologist

Revised 11/25/13

WEAVER BOOS CONSULTANTS

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 A

Sample ID: 2

GPS Coordinates (UTM): 452407 Northing 4618788 Easting

Wipe Samples Sample Time: 8:25

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		Isotane	X	Estimated Area	

Other: Other: Other:

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

Description of Location: SE portion of retainment wall in southern portion of park

Bulk Soil Sample: 2 / 0-0.5' Time: 8:25

Duplicate: N/A Time: N/A

Description of Sample: Brown silty loam

Near Surface Stained Soil/Stressed Vegetation/Asphalt?: No If Yes, Distance:

XRF Compositional Data:

As: 0 +/- 15.4 Hg: 0 +/- 8.7 Rb: 53.9 +/- 5.7

Co: 179.3 +/- 187 Mo: 0 +/- 5.9 Se: 0 +/- 6.4

Cr: 175.8 +/- 115.5 Mn: 189.2 +/- 80.4 Sr: 89.2 +/- 7.3

Cu: 0 +/- 30.3 Ni: 0 +/- 45.6 Zn: 160.8 +/- 20.9

Fe: 13,700 +/- 400 Pb: 76.4 +/- 14.6 Zr: 137.6 +/- 11.2

Weather Conditions:

Skies: PC Temp: 15 deg F Wind: NW 10 mph

Precipitation: None

Additional Notes:

Sampler(s): Sam Cantor

Title(s): Project Geologist

Revised 11/25/13

WEAVER BOOS CONSULTANTS

35 East Wacker Drive, Suite #1250

Chicago, IL 60601

Sampling Field FormDate: 11/27/2013Project: Quinn EmanuelLocation: Chicago, ILProject #: 3682-300-07Group ID ASample ID: 99AGPS Coordinates (UTM): 452953 Northing 4619103 EastingWipe Samples Sample Time: 8:47Duplicate: 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		Isotane	X	Estimated Area	

Other: _____ Other: _____ Other: _____

Surface Type (Circle One): Metal, Plastic, Glass, Painted Wood, Wood, Concrete, Painted Concrete, OtherDescription of Location: End of retainment wall near centrally located pine treeBulk Soil Sample: 99A / 0-0.5' Time: 8:48Duplicate: N/A Time: N/ADescription of Sample: Brown silty loamNear Surface Stained Soil/Stressed Vegetation Asphalt? Yes _____ If Yes, Distance: 3 ft**XRF Compositional Data:**As: 0 +/- 19.8 Hg: 0 +/- 8.4 Rb: 24.6 +/- 4.1Co: 179.3 +/- 111.4 Mo: 0 +/- 5.7 Se: 0 +/- 5.9Cr: 0 +/- 165 Mn: 294.9 +/- 88.9 Sr: 64.7 +/- 6.3Cu: 0 +/- 30.2 Ni: 0 +/- 40.6 Zn: 195.1 +/- 26.9Fe: 9,613 +/- 324 Pb: 119.3 +/- 17.4 Zr: 80.4 +/- 9.2**Weather Conditions:**Skies: PC Temp: 16 deg F Wind: NW 10 mphPrecipitation: None

Additional Notes: _____

Sampler(s): Sam CantorTitle(s): Project Geologist

Revised 11/25/13

WEAVER BOOS CONSULTANTS

35 East Wacker Drive, Suite #1250

Chicago, IL 60601

Sampling Field FormDate: 11/27/2013Project: Quinn EmanuelLocation: Chicago, ILProject #: 3682-300-07Group ID ASample ID: 3GPS Coordinates (UTM): 453045 Northing 4618642 EastingWipe Samples Sample Time: 9:10Duplicate: N/ATime: N/AField Blank: Field Blank-2Time: 9:10

Sampling Media:

Solvent:

Surface Area Measurement:

Ghost Wipe	X	Pre-Moistened	X	Template	X
Cotton Gauze	X	Distilled Water		Measured Area	
Filter Paper		Isotane	X	Estimated Area	

Other: _____ Other: _____ Other: _____

Surface Type (Circle One): Metal, Plastic, Glass, Painted Wood, Wood, Concrete, Painted Concrete, OtherDescription of Location: SW retainment wall of playground equipmentBulk Soil Sample: 3 / 0-0.5' Time: 9:10Duplicate: N/A Time: N/ADescription of Sample: Brown loamNear Surface Stained Soil/Stressed Vegetation/Asphalt?: No If Yes, Distance: _____**XRF Compositional Data:**As: 27.1 +/- 9.4 Hg: 0 +/- 7.8 Rb: 44.4 +/- 5.1Co: 0 +/- 163 Mo: 0 +/- 6.0 Se: 0 +/- 5.3Cr: 0 +/- 158 Mn: 186.7 +/- 75.7 Sr: 60 +/- 6Cu: 53.9 +/- 22.2 Ni: 34.5 +/- 43.2 Zn: 122.8 +/- 21.8Fe: 10,400 +/- 300 Pb: 35.3 +/- 10.7 Zr: 165.1 +/- 11.5**Weather Conditions:**Skies: PC Temp: 18 deg F Wind: NW 14 mphPrecipitation: None

Additional Notes: _____

Sampler(s): Sam CantorTitle(s): Project Geologist

Revised 11/25/13

WEAVER BOOS CONSULTANTS

35 East Wacker Drive, Suite #1250

Chicago, IL 60601

Sampling Field FormDate: 11/27/2013Project: Quinn EmanuelLocation: Chicago, ILProject #: 3682-300-07Group ID ASample ID: 12GPS Coordinates (UTM): 453035 Northing 4618310 EastingWipe Samples Sample Time: 9:45Duplicate: 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		Isotane	X	Estimated Area	

Other: _____ Other: _____ Other: _____

Surface Type (Circle One): Metal, Plastic, Glass, Painted Wood, Wood, Concrete, Painted Concrete, OtherDescription of Location: Lower right corner of bus sign as facing N on Yates AveBulk Soil Sample: 12 / 0-0.5' Time: 9:45Duplicate: N/A Time: N/ADescription of Sample: Brown to black loamNear Surface Stained Soil/Stressed Vegetation/Asphalt?: No If Yes, Distance: _____**XRF Compositional Data:**As: 0 +/- 17.3 Hg: 0 +/- 6.0 Rb: 25.8 +/- 3.1Co: 0 +/- 136 Mo: 0 +/- 3.9 Se: 0 +/- 4.6Cr: 153.5 +/- 83 Mn: 454.2 +/- 76 Sr: 98.3 +/- 5.6Cu: 34.2 +/- 15.5 Ni: 34.5 +/- 22.4 Zn: 224.3 +/- 20.9Fe: 13,500 +/- 300 Pb: 195 +/- 15.8 Zr: 81.4 +/- 7**Weather Conditions:**Skies: PC Temp: 18 deg F Wind: NW 14 mphPrecipitation: None

Additional Notes: _____

Sampler(s): Sam CantorTitle(s): Project Geologist

Revised 11/25/13

WEAVER BOOS CONSULTANTS

35 East Wacker Drive, Suite #1250

Chicago, IL 60601

Sampling Field FormDate: 11/27/2013Project: Quinn EmanuelLocation: Chicago, ILProject #: 3682-300-07Group ID ASample ID: 21GPS Coordinates (UTM): 452745 Northing 4618023 EastingWipe Samples Sample Time: 10:10Duplicate: DUP-3A Time: ---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		Isotane	X	Estimated Area	

Other: _____ Other: _____ Other: _____

Surface Type (Circle One): Metal, Plastic, Glass, Painted Wood, Wood, Concrete, Painted Concrete, OtherDescription of Location: Bench north of southern entrance along Luella AveBulk Soil Sample: 21 / 0-0.5' Time: 10:10Duplicate: N/A Time: N/ADescription of Sample: Brown sandy loamNear Surface Stained Soil/Stressed Vegetation/Asphalt?: No If Yes, Distance: _____**XRF Compositional Data:**As: 0 +/- 13.8 Hg: 0 +/- 7.4 Rb: 48.0 +/- 5Co: 0 +/- 186 Mo: 0 +/- 5.3 Se: 0 +/- 5.2Cr: 180.3 +/- 109.7 Mn: 656.7 +/- 111.1 Sr: 81.7 +/- 6.5Cu: 35.1 +/- 19.8 Ni: 0 +/- 44.1 Zn: 171.5 +/- 23.6Fe: 13,800 +/- 400 Pb: 83.7 +/- 13.9 Zr: 128.8 +/- 10.1**Weather Conditions:**Skies: PC Temp: 20 deg F Wind: NW 14 mphPrecipitation: None

Additional Notes: _____

Sampler(s): Sam CantorTitle(s): Project Geologist

Revised 11/25/13

WEAVER BOOS CONSULTANTS

35 East Wacker Drive, Suite #1250

Chicago, IL 60601

Sampling Field FormDate: 11/27/2013Project: Quinn EmanuelLocation: Chicago, ILProject #: 3682-300-07Group ID BSample ID: 37GPS Coordinates (UTM): 452962 Northing 4617484 EastingWipe Samples Sample Time: 10:52Duplicate: 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		Isotane	X	Estimated Area	

Other: _____ Other: _____ Other: _____

Surface Type (Circle One): Metal, Plastic, Glass, Painted Wood, Wood, Concrete, Painted Concrete, OtherDescription of Location: West bench of NW baseball diamond, along OglesbyBulk Soil Sample: 37 / 0-0.5' Time: 10:52Duplicate: N/A Time: N/ADescription of Sample: Brown silty loamNear Surface Stained Soil/Stressed Vegetation/Asphalt?: No If Yes, Distance: _____**XRF Compositional Data:**As: 0 +/- 14.7 Hg: 0 +/- 9.7 Rb: 45.7 +/- 6.2Co: 0 +/- 216 Mo: 0 +/- 6.7 Se: 0 +/- 7.5Cr: 0 +/- 191 Mn: 346.2 +/- 110.7 Sr: 69.2 +/- 7.5Cu: 0 +/- 36 Ni: 0 +/- 48.9 Zn: 175.7 +/- 30.1Fe: 14,700 +/- 500 Pb: 30.9 +/- 12.3 Zr: 168.7 +/- 13.9**Weather Conditions:**Skies: PC Temp: 22 deg F Wind: NW 13 mphPrecipitation: None

Additional Notes: _____

Sampler(s): Sam CantorTitle(s): Project Geologist

Revised 11/25/13

WEAVER BOOS CONSULTANTS

35 East Wacker Drive, Suite #1250

Chicago, IL 60601

Sampling Field FormDate: 11/27/2013Project: Quinn EmanuelLocation: Chicago, ILProject #: 3682-300-07Group ID ASample ID: 29GPS Coordinates (UTM): 453025 Northing 4617736 EastingWipe Samples Sample Time: 10:40Duplicate: 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		Isotane	X	Estimated Area	

Other: _____ Other: _____ Other: _____

Surface Type (Circle One): Metal, Plastic, Glass, Painted Wood, Wood, Concrete, Painted Concrete, OtherDescription of Location: Lower right corner of bus sign SE of intersectionBulk Soil Sample: 29 / 0-0.5' Time: 10:40Duplicate: N/A Time: N/ADescription of Sample: Brown loamNear Surface Stained Soil/Stressed Vegetation/Asphalt?: No If Yes, Distance: _____**XRF Compositional Data:**As: 0 +/- 18.7 Hg: 0 +/- 7.7 Rb: 38.5 +/- 5Co: 0 +/- 208 Mo: 0 +/- 6 Se: 0 +/- 6.6Cr: 179.8 +/- 119.8 Mn: 563 +/- 114.1 Sr: 97.2 +/- 7.6Cu: 0 +/- 29.2 Ni: 0 +/- 48.4 Zn: 200.5 +/- 27.3Fe: 16,300 +/- 400 Pb: 103.9 +/- 16.5 Zr: 136.4 +/- 11.3**Weather Conditions:**Skies: PC Temp: 20 deg F Wind: N/NW 13 mphPrecipitation: None

Additional Notes: _____

Sampler(s): Sam CantorTitle(s): Project Geologist

Revised 11/25/13

WEAVER BOOS CONSULTANTS

35 East Wacker Drive, Suite #1250

Chicago, IL 60601

Sampling Field FormDate: 11/27/2013Project: Quinn EmanuelLocation: Chicago, ILProject #: 3682-300-07Group ID ASample ID: 31GPS Coordinates (UTM): 453442 Northing 4617708 EastingWipe Samples Sample Time: 11:10Duplicate: 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		Isotane	X	Estimated Area	

Other: _____ Other: _____ Other: _____

Surface Type (Circle One): Metal, Plastic, Glass, Painted Wood, Wood, Concrete, Painted Concrete, OtherDescription of Location: Lower right corner of bus sign on Torrence Ave when facing westBulk Soil Sample: 31 / 0-0.5' Time: 11:10Duplicate: N/A Time: N/ADescription of Sample: Brown sandy loamNear Surface Stained Soil/Stressed Vegetation/Asphalt?: No If Yes, Distance: _____**XRF Compositional Data:**As: 0 +/- 22.4 Hg: 0 +/- 10.2 Rb: 19.7 +/- 4.2Co: 0 +/- 286 Mo: 0 +/- 7 Se: 0 +/- 6.8Cr: 445.1 +/- 180.3 Mn: 1,360 +/- 187 Sr: 120.2 +/- 9.3Cu: 78.6 +/- 30.5 Ni: 90.9 +/- 42.5 Zn: 544.4 +/- 48Fe: 26,900 +/- 600 Pb: 157.3 +/- 21.9 Zr: 136.6 +/- 12.8**Weather Conditions:**Skies: PC Temp: 23 deg F Wind: N/NW 14 mphPrecipitation: None

Additional Notes: _____

Sampler(s): Sam CantorTitle(s): Project Geologist

Revised 11/25/13