

REDACTED

United States Environmental Protection Agency
Region 4



35TH AVENUE REMOVAL INVESTIGATION
BIRMINGHAM, ALABAMA
JEFF CROWLEY, ON-SCENE COORDINATOR

FIELD SAMPLING LOGBOOK

Book ____ of ____

Inclusive Dates: 2/13/13 - 2/14/13

List of Sampling Team in logbook:

Name

Initials

Organization/Duties

(b) (6)

OTIE, Team Leader

URS

OTIE

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OTIE

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Sampling Procedures and Methodology

Unless specified elsewhere in this logbook, all soil samples will be collected in accordance with the EPA Science and Ecosystem Division (SESD) Field Branches Quality System and Technical Procedures (FBQSTP) Soil Sampling (SESDPROC-300-R2) based on the following design.

The total number of 5-point composite surface soil samples (0-4 inches below ground surface) to be collected from each property will be based on the lot size as follows:

- For residential properties with a total parcel lot size equal to or less than ($\leq$) 5,000 square feet - the front yard and back yards of each property. If the property has a substantial side yard (primarily corner lots), then one composite soil sample may also be collected from the side yard. Aliquots will be collected away from influences with drip lines and burn areas in a five dice configuration (each of the four corners and the center).
- For residential properties with a total parcel lot size greater than ($>$) 5,000 square feet and $\leq$ ¼-acre - the property should be divided into two roughly equal surface areas. If the property has a substantial side yard (primarily corner lots), then one composite soil sample may be collected from the side yard with the remainder of the property being divided into two roughly equal surface areas. Aliquots will be collected away from influences including drip lines and burn areas with reasonably equal spacing between aliquots.
- Residential properties over ¼-acre in parcel lot size will be divided into ¼-acre sections. When dividing any such property with a substantial side yard (primarily corner lots), one composite soil sample may be collected from the side yard. Aliquots will be collected away from influences including drip lines and burn areas in a five dice configuration, if possible, with reasonably equal spacing between aliquots.

Grab surface soil samples will be collected from apparent exposure pathways where active play sets are located.

Three-point composite surface soil samples will be collected from distinct vegetable gardens from each residential property.

Samples shall not be collected under paved areas or under stationary fixed structures.

Grab sediment samples will be collected in accordance with EPA SESD FBSTP Sediment Sampling (SESDPROC-200-R2) from any surface water drainage pathways located on individual properties, as directed by the OSC, and in and along the banks of the 34th Street North Ditch.

Each surface soil or sediment sample should be homogenized in a stainless steel bowl. One 8-ounce jar will be filled and the remaining sample material will be placed in zip-top bags for screening. Information identifying the location, sample, and date/time will be inscribed on each jar and zip-top bag.

All sample bags will be screened for metals in accordance with SESD FBQSTP Field XRF Measurement (SESDPROC-107-R2) using a Niton XRF. The sample will be dried before sieving or analysis is performed. Once the sample has dried, the sample will be divided into two subsamples; one subsample will be sieved through a #10 screen (2 mm) and the other will be left unsieved. Once separated into sieved and unsieved samples, the zip-top bag will be compressed by folding over the excess plastic and removing as much air and space from the sample as possible. The XRF will be placed directly on the exterior of the compressed sample in the plastic zip-top bag to measure metals concentrations. Following XRF screening, the unsieved portion of the sample material will be containerized into one 8-ounce jars and the sieved portion of the sample will be containerized into another 8-ounce jar.

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Based on the site DQOs the 8-ounce jars of surface soil and sediment samples should be submitted to PEL, Tampa, Florida (a NELAC certified laboratory) for low level PAH, and/or TCL SVOC, RCRA metals, PCB, and/or Hexavalent Chromium analysis. RCRA metals will be analyzed from both the sieved and unsieved portions of the sample. All other analysis will be conducted on the unsieved portion.

The location of each aliquot will also be logged in accordance with SESD FBQSTP Global Positioning System (SESDPROC- 110-R3) using a Trimble GPS.

A description of the color and texture of the aliquot material will be recorded in each box.

The **station ID** for each location will consist of seven characters, beginning with the six digit Property ID designation for the property followed by a alphabetic letter beginning with "A".

e.g. CV0001A would be the station ID for the front yard 5-pt composite sample collected at the property with Property ID CV0001.

The **sample ID** for each sample is the station ID with "CS" (composite soil), "GS" (grab soil), "SD" (sediment), or "SW" (surface water) appended, therefore, the sample ID for this sample would be CV0001A-CS. Co-located duplicates will be designated by appending a "D" to the end of the sample ID. Pan splits will be identified by appending an "SP" to the end of the sample ID.

(b) (6)

ADDRESS: _____ PROPERTY ID: C10121

DATE: 2/13/13 ARRIVAL TIME: 0820

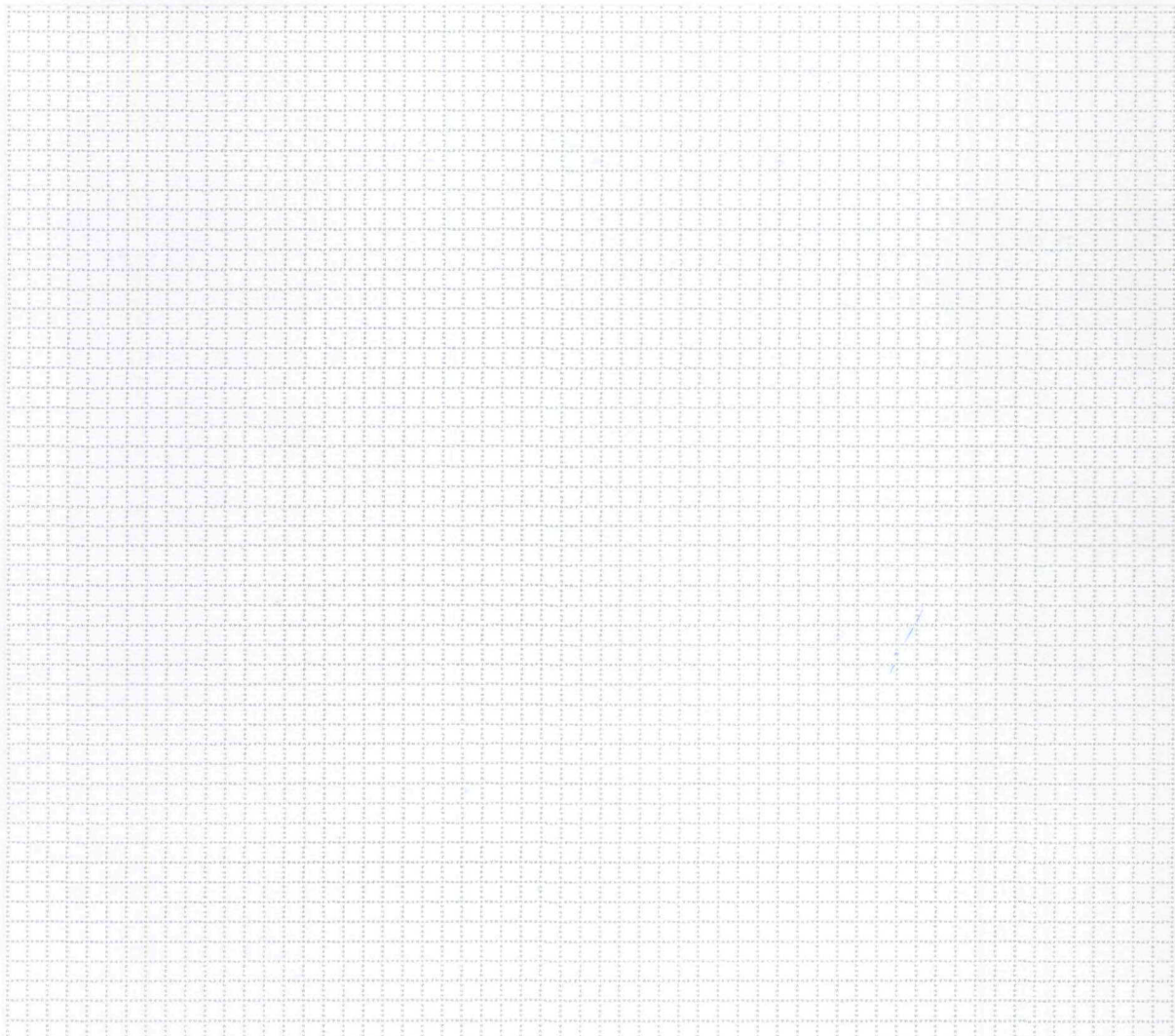
Other pertinent information (weather conditions, etc.):

46°F, Cloudy, Windy

PROPERTY COMMENTS:

Community Center

Grid for property sketch



STATION ID: CV0971SS SAMPLE ID: CV0971SS-CS

SAMPLE COLLECTION TIME: 1135

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: _____

GPS Coordinates: Trimble [☒] Instrument #: _____		Logged? <u>Y</u> or N
Aliquot #1: Latitude: _____	N Longitude _____	W
Media description: <u>Blk silty soil</u>		
Aliquot #2: Latitude: _____	N Longitude _____	W
Media description: <u>same as previous</u>		
Aliquot #3: Latitude: _____	N Longitude _____	W
Media description: <u>Orange clay</u>		
Aliquot #4: Latitude: _____	N Longitude _____	W
Media description: <u>same as previous</u>		
Aliquot #5: Latitude: _____	N Longitude _____	W
Media description: <u>same as previous</u>		

STATION ID: CV0971TT SAMPLE ID: CV0971TT-CS

SAMPLE COLLECTION TIME: 1138

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: _____

GPS Coordinates: Trimble [☒] Instrument #: _____		Logged? <u>Y</u> or N
Aliquot #1: Latitude: _____	N Longitude _____	W
Media description: <u>DK brn silty clay</u>		
Aliquot #2: Latitude: _____	N Longitude _____	W
Media description: <u>same as previous</u>		
Aliquot #3: Latitude: _____	N Longitude _____	W
Media description: <u>same as previous</u>		
Aliquot #4: Latitude: _____	N Longitude _____	W
Media description: <u>same as previous</u>		
Aliquot #5: Latitude: _____	N Longitude _____	W
Media description: <u>same as previous</u>		

(b) (6)

ADDRESS:

PROPERTY ID:

CV0971

DATE:

2/13/13

ARRIVAL TIME:

1324

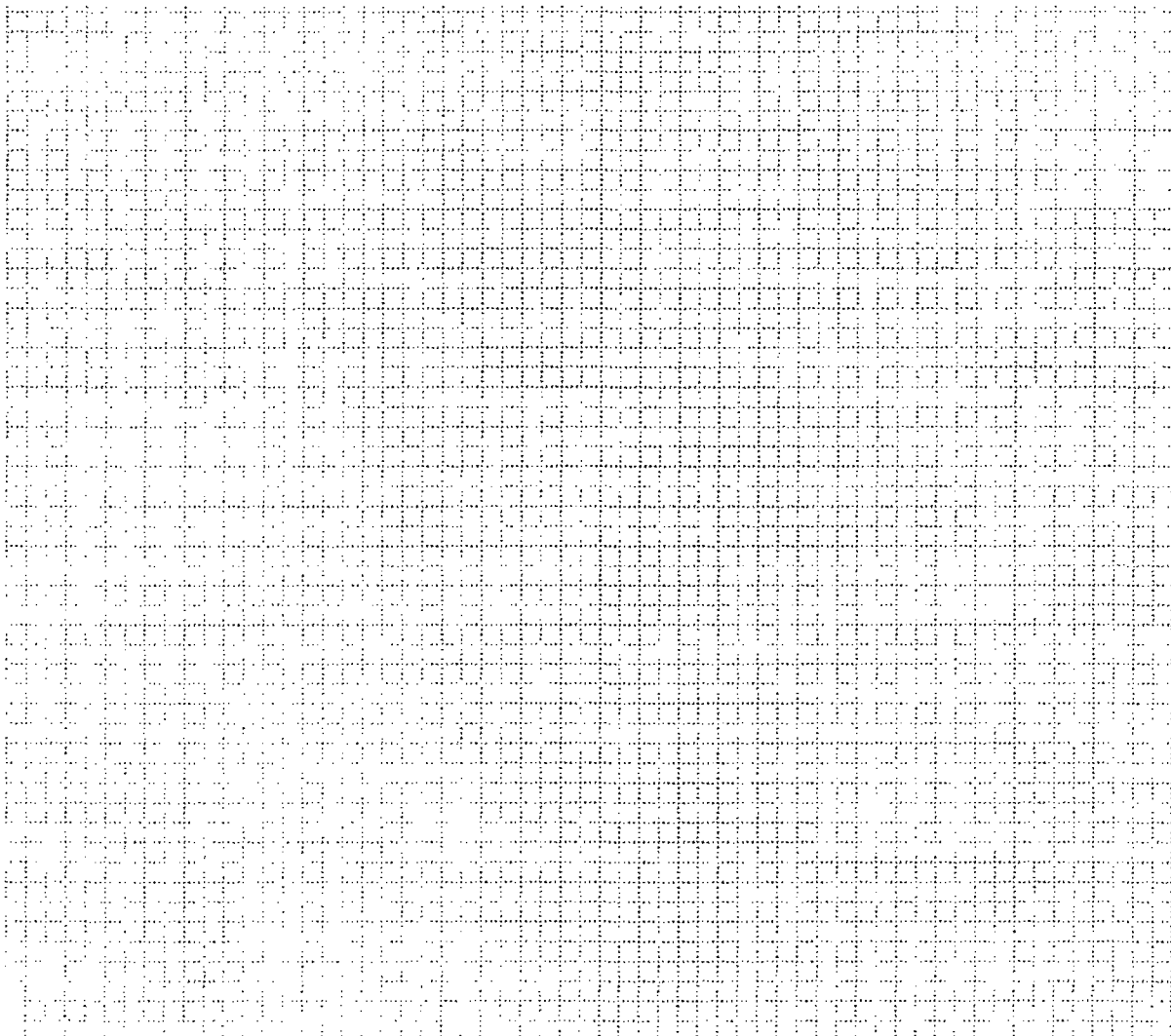
Other pertinent information (weather conditions, etc.):

47°F, Cloudy, Windy

PROPERTY COMMENTS:

Community Center

Grid for property sketch



STATION ID: CV0971VV SAMPLE ID: CV0971VV-CS

SAMPLE COLLECTION TIME: 1341

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: _____

GPS Coordinates: Trimble [Y] Instrument #: _____ Logged? Y or N

Aliquot #1: Latitude: _____ N Longitude _____ W

Media description: med fine brwn sandy silt

Aliquot #2 Latitude: _____ N Longitude _____ W

Media description: same as previous

Aliquot #3: Latitude: _____ N Longitude _____ W

Media description: same as previous

Aliquot #4: Latitude: _____ N Longitude _____ W

Media description: same as previous

Aliquot #5: Latitude: _____ N Longitude _____ W

Media description: same as previous

STATION ID: CV0971VV SAMPLE ID: CV0971VV-CS

SAMPLE COLLECTION TIME: 1345

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: CV0971VV @

GPS Coordinates: Trimble [Y] Instrument #: _____ Logged? Y or N

Aliquot #1: Latitude: _____ N Longitude _____ W

Media description: DK brwn silty clay w/ gravel

Aliquot #2 Latitude: _____ N Longitude _____ W

Media description: same as previous

Aliquot #3: Latitude: _____ N Longitude _____ W

Media description: same as previous

Aliquot #4: Latitude: _____ N Longitude _____ W

Media description: same as previous

Aliquot #5: Latitude: _____ N Longitude _____ W

Media description: same as previous

1348

ADDRESS: (b) (6) PROPERTY ID: CV0921
DATE: 2/13/13 ARRIVAL TIME: —

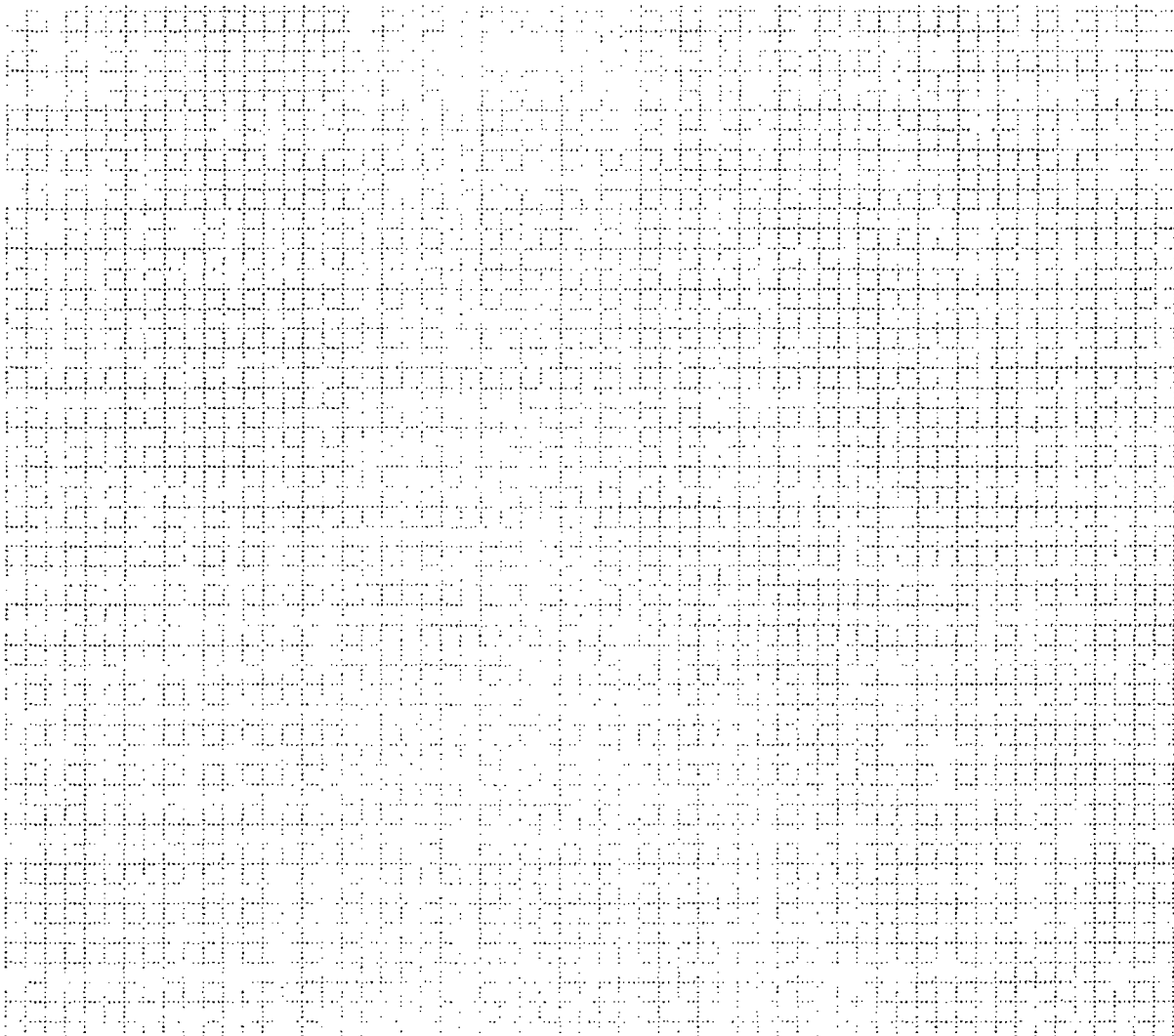
Other pertinent information (weather conditions, etc.):

47°F, Cloudy, windy

PROPERTY COMMENTS:

Community Center

Grid for property sketch



STATION ID: CV0971WW SAMPLE ID: CV0971WW-CS

SAMPLE COLLECTION TIME: 1407

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:

GPS Coordinates: Trimble ☒ Instrument #:		Logged? ☒ Y or N
Aliquot #1: Latitude:	N Longitude	W
Media description: <u>med brun med sandy silt</u>		
Aliquot #2: Latitude:	N Longitude	W
Media description: <u>same as previous</u>		
Aliquot #3: Latitude:	N Longitude	W
Media description: <u>same as previous</u>		
Aliquot #4: Latitude:	N Longitude	W
Media description: <u>same as previous</u>		
Aliquot #5: Latitude:	N Longitude	W
Media description: <u>same as previous</u>		

STATION ID: CV0971XX SAMPLE ID: CV0971XX-CS

SAMPLE COLLECTION TIME: 1410

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:

GPS Coordinates: Trimble ☒ Instrument #:		Logged? ☒ Y or N
Aliquot #1: Latitude:	N Longitude	W
Media description: <u>brun silty clay</u>		
Aliquot #2: Latitude:	N Longitude	W
Media description: <u>same as previous</u>		
Aliquot #3: Latitude:	N Longitude	W
Media description: <u>same as previous</u>		
Aliquot #4: Latitude:	N Longitude	W
Media description: <u>same as previous</u>		
Aliquot #5: Latitude:	N Longitude	W
Media description: <u>same as previous</u>		

ADDRESS: **(b) (6)** PROPERTY ID: 0V0971
DATE: 2/13/13 ARRIVAL TIME:

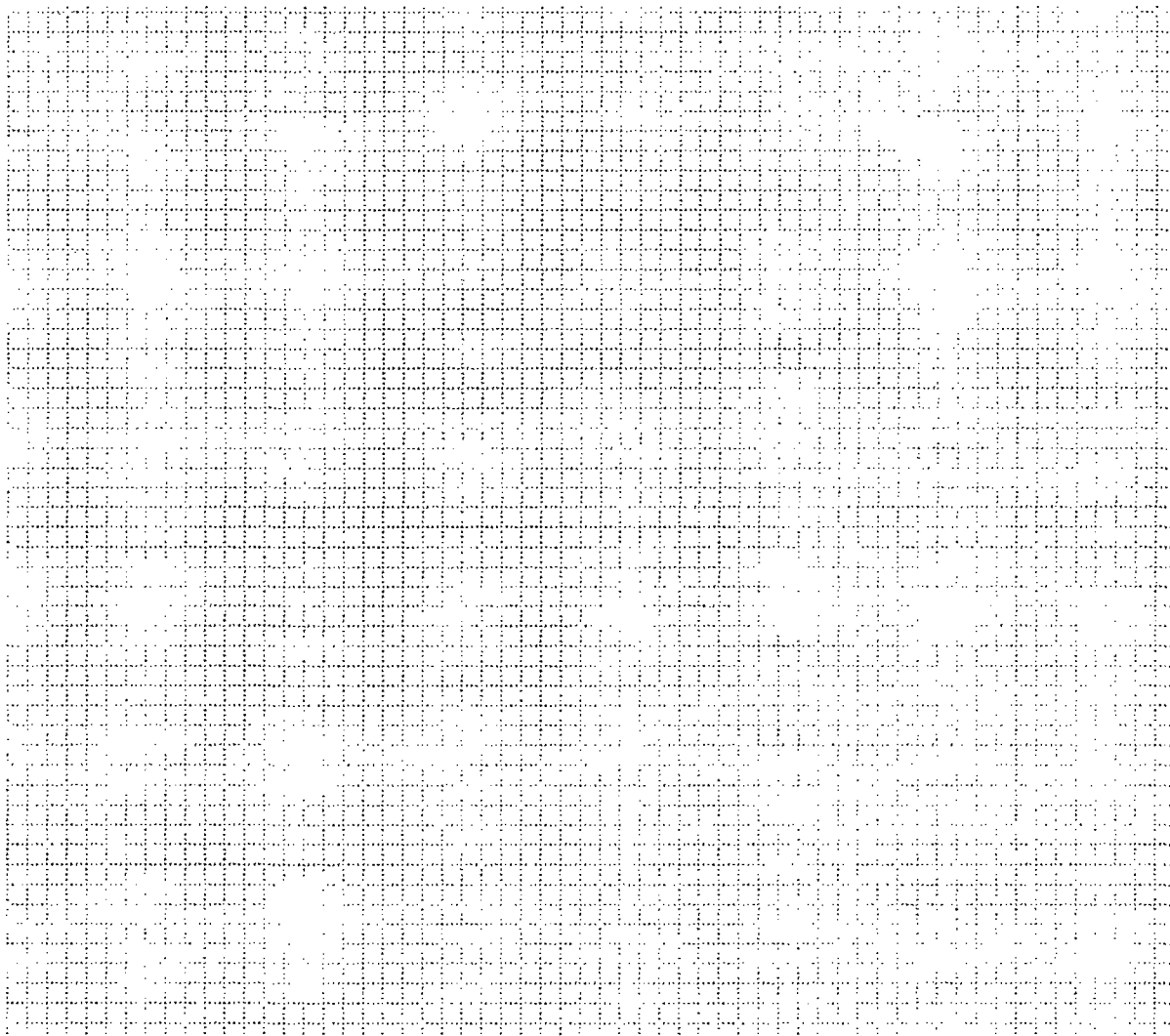
Other pertinent information (weather conditions, etc.):

47°F, Cloudy, windy

PROPERTY COMMENTS:

Community Center

Grid for property sketch



STATION ID: CV097144 SAMPLE ID: CV097144-CS

SAMPLE COLLECTION TIME: 1415

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:

GPS Coordinates: Trimble [☒] Instrument #: _____		Logged? <u>Y</u> or N
Aliquot #1: Latitude: _____	N Longitude _____	W
Media description: <u>med brun sandy silt</u>		
Aliquot #2: Latitude: _____	N Longitude _____	W
Media description: <u>same as previous</u>		
Aliquot #3: Latitude: _____	N Longitude _____	W
Media description: <u>reddish brun silty clay</u>		
Aliquot #4: Latitude: _____	N Longitude _____	W
Media description: <u>same as previous</u>		
Aliquot #5: Latitude: _____	N Longitude _____	W
Media description: <u>same as previous</u>		

STATION ID: CV097122 SAMPLE ID: CV097122-CS

SAMPLE COLLECTION TIME: 1430

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:

GPS Coordinates: Trimble [☒] Instrument #: _____		Logged? <u>Y</u> or N
Aliquot #1: Latitude: _____	N Longitude _____	W
Media description: <u>brn/orange silty clay w/ gravel + coal</u>		
Aliquot #2: Latitude: _____	N Longitude _____	W
Media description: <u>same as previous</u>		
Aliquot #3: Latitude: _____	N Longitude _____	W
Media description: <u>same as previous</u>		
Aliquot #4: Latitude: _____	N Longitude _____	W
Media description: <u>same as previous</u>		
Aliquot #5: Latitude: _____	N Longitude _____	W
Media description: <u>same as previous</u>		

ADDRESS: (b) (6)

PROPERTY ID: CV0971

DATE: 2/13/13

ARRIVAL TIME: —

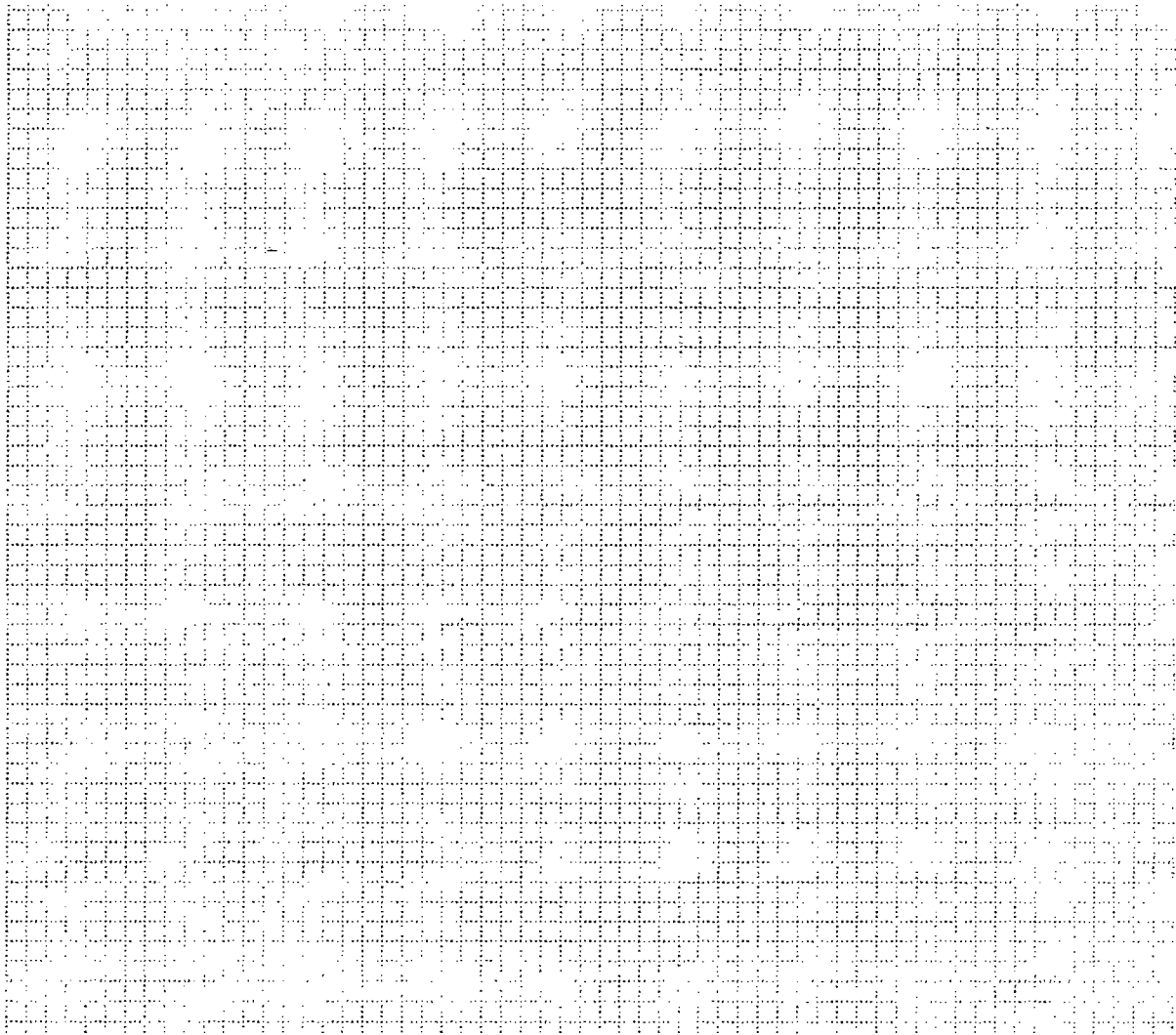
Other pertinent information (weather conditions, etc.):

47°F, Windy, Cloudy

PROPERTY COMMENTS:

Community Center

Grid for property sketch



STATION ID: CV0971AR SAMPLE ID: CV0971AR-GS

SAMPLE COLLECTION TIME: 1420

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: _____

GPS Coordinates: Trimble ☒ Instrument #: _____		Logged? ☒ or N
Aliquot #1: Latitude: _____	N Longitude _____	W
Media description: <u>brn/red silty clay w/ gravel & coal</u>		
Aliquot #2: Latitude: _____	N Longitude _____	W
Media description: _____		
Aliquot #3: Latitude: _____	N Longitude _____	W
Media description: _____		
Aliquot #4: Latitude: _____	N Longitude _____	W
Media description: _____		
Aliquot #5: Latitude: _____	N Longitude _____	W
Media description: _____		

STATION ID: CV0971AAA SAMPLE ID: CV0971AAA-CS

SAMPLE COLLECTION TIME: 1433

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: _____

GPS Coordinates: Trimble ☒ Instrument #: _____		Logged? ☒ or N
Aliquot #1: Latitude: _____	N Longitude _____	W
Media description: <u>med brn sandy silty soil w/ gravel</u>		
Aliquot #2: Latitude: _____	N Longitude _____	W
Media description: <u>same as previous</u>		
Aliquot #3: Latitude: _____	N Longitude _____	W
Media description: <u>same as previous</u>		
Aliquot #4: Latitude: _____	N Longitude _____	W
Media description: <u>same as previous</u>		
Aliquot #5: Latitude: _____	N Longitude _____	W
Media description: <u>same as previous</u>		

ADDRESS: (b) (6) PROPERTY ID: CV0927/
DATE: 2/13/13 ARRIVAL TIME: —

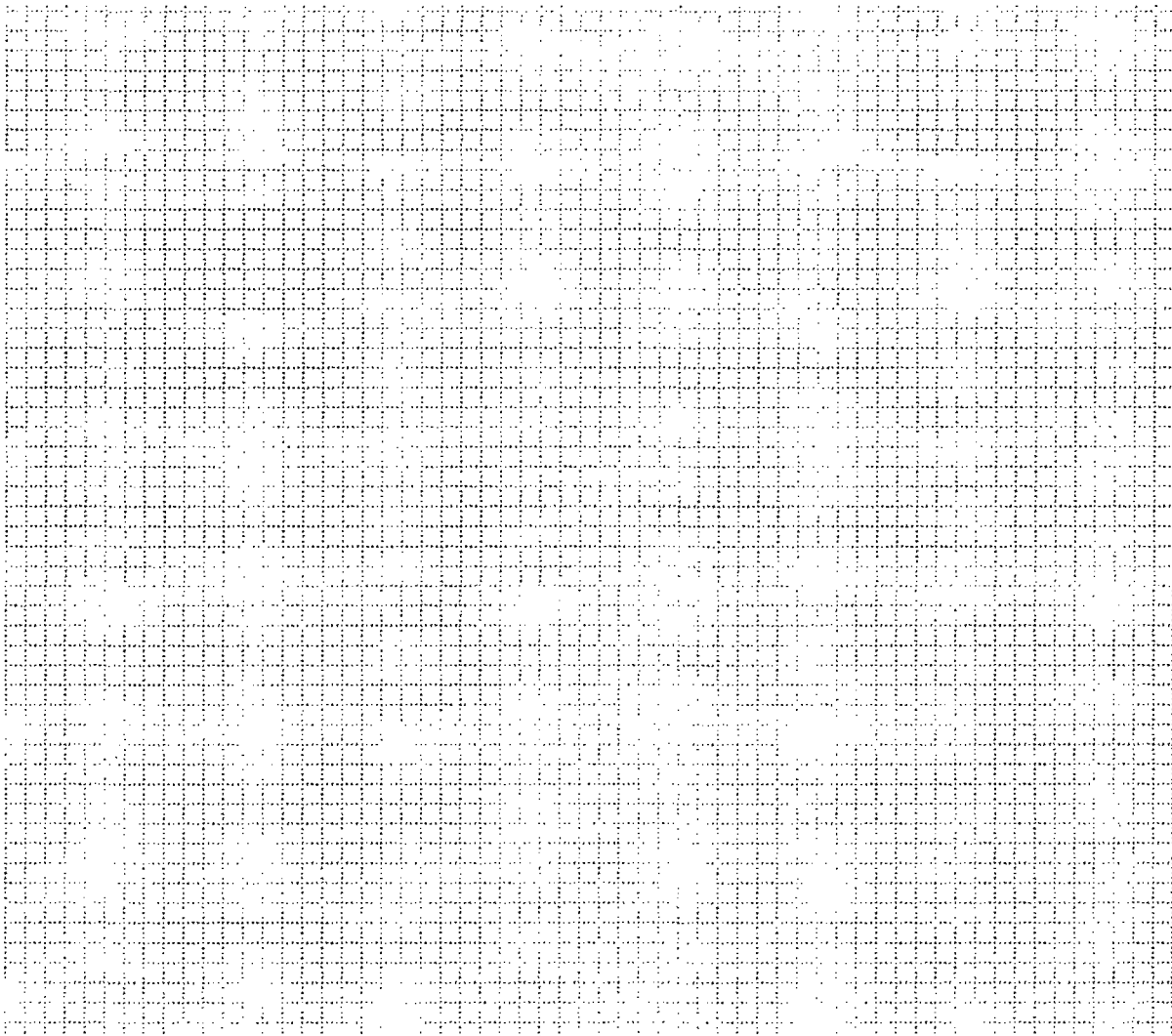
Other pertinent information (weather conditions, etc.):

47°F, Cloudy, windy

PROPERTY COMMENTS:

Community Center

Grid for property sketch



STATION ID: CV0971BBB

SAMPLE ID: CV0971BBB-CS

SAMPLE COLLECTION TIME: 1440

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: _____

GPS Coordinates: Trimble ☒ Instrument #: _____ Logged? Y or N

Aliquot #1: Latitude: _____ N Longitude _____ W

Media description: brn clay sand w/ gravel & coal

Aliquot #2 Latitude: _____ N Longitude _____ W

Media description: _____

Aliquot #3: Latitude: _____ N Longitude _____ W

Media description: _____

Aliquot #4: Latitude: _____ N Longitude _____ W

Media description: _____

Aliquot #5: Latitude: _____ N Longitude _____ W

Media description: _____

~~STATION ID: _____ SAMPLE ID: _____~~

~~SAMPLE COLLECTION TIME: _____~~

~~Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):
_____~~

~~Collection: Composite or Grab~~

~~MS/MSD? Y or N~~

~~Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: _____~~

~~GPS Coordinates: Trimble ☐ Instrument #: _____ Logged? Y or N~~

~~Aliquot #1: Latitude: _____ N Longitude _____ W~~

~~Media description: _____~~

~~Aliquot #2 Latitude: _____ N Longitude _____ W~~

~~Media description: _____~~

~~Aliquot #3: Latitude: _____ N Longitude _____ W~~

~~Media description: _____~~

~~Aliquot #4: Latitude: _____ N Longitude _____ W~~

~~Media description: _____~~

~~Aliquot #5: Latitude: _____ N Longitude _____ W~~

~~Media description: _____~~

ADDRESS: _____ PROPERTY ID: Fm0160

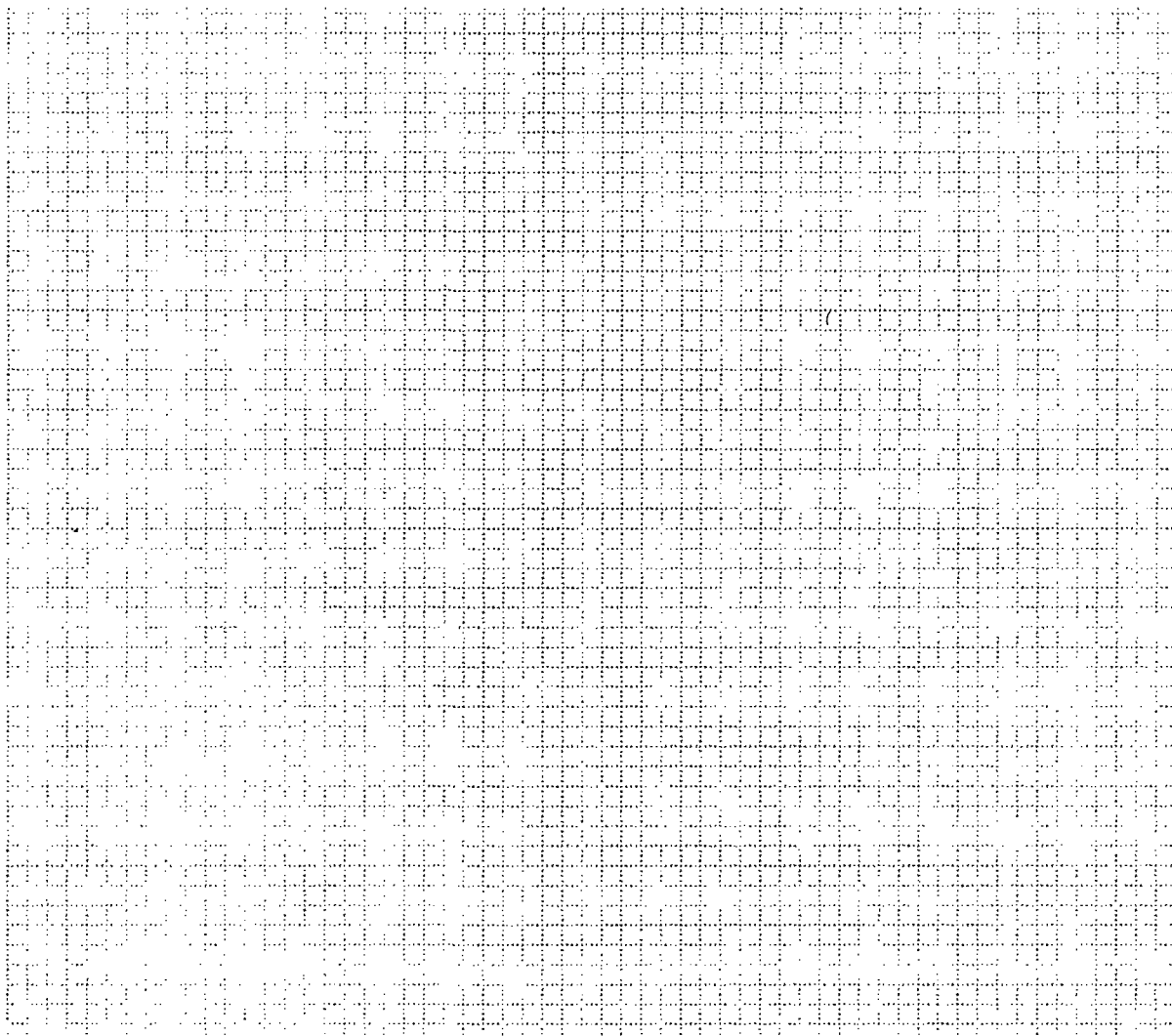
DATE: 2/13/13 ARRIVAL TIME: 1510

Other pertinent information (weather conditions, etc.):

47°F, Windy, Cloudy

PROPERTY COMMENTS:

Grid for property sketch



STATION ID: FM0160A SAMPLE ID: FM0160A-CS

SAMPLE COLLECTION TIME: 1517

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: _____

GPS Coordinates: Trimble [☒] Instrument #: _____ Logged? Y or N

Aliquot #1: Latitude: _____ N Longitude _____ W

Media description: light brun coarse sandy silt

Aliquot #2: Latitude: _____ N Longitude _____ W

Media description: same as previous

Aliquot #3: Latitude: _____ N Longitude _____ W

Media description: same as previous

Aliquot #4: Latitude: _____ N Longitude _____ W

Media description: reddish brun med sandy clay

Aliquot #5: Latitude: _____ N Longitude _____ W

Media description: same as previous

STATION ID: FM0160B SAMPLE ID: FM0160B-CS

SAMPLE COLLECTION TIME: 1522

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: _____

GPS Coordinates: Trimble [☒] Instrument #: _____ Logged? Y or N

Aliquot #1: Latitude: _____ N Longitude _____ W

Media description: brn silty clay

Aliquot #2: Latitude: _____ N Longitude _____ W

Media description: same as previous

Aliquot #3: Latitude: _____ N Longitude _____ W

Media description: same as previous

Aliquot #4: Latitude: _____ N Longitude _____ W

Media description: same as previous

Aliquot #5: Latitude: _____ N Longitude _____ W

Media description: same as previous

ADDRESS: _____ PROPERTY ID: Fm0160

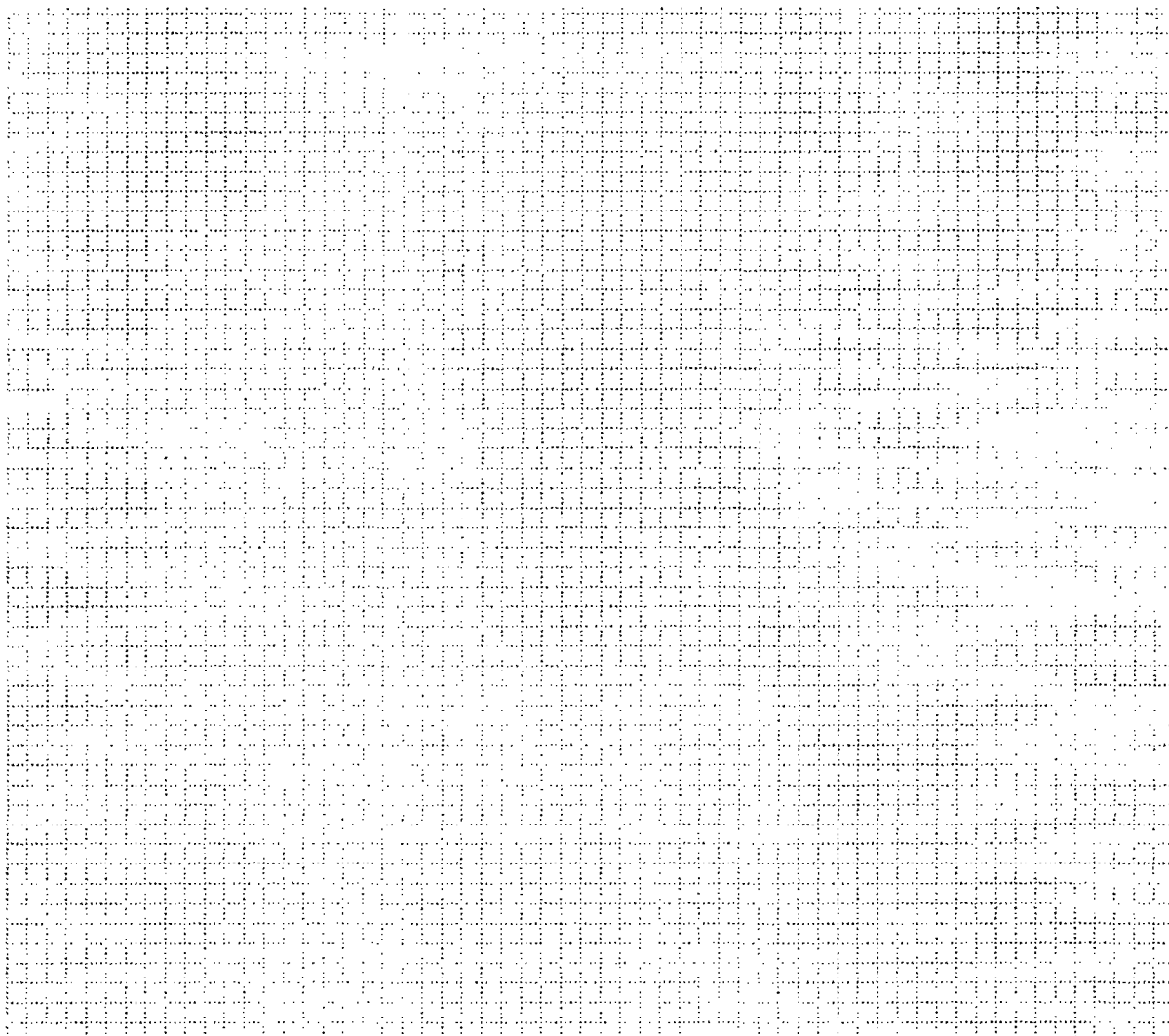
DATE: 2/13/13 ARRIVAL TIME:

Other pertinent information (weather conditions, etc.):

47°F, Cloudy, Windy

PROPERTY COMMENTS:

Grid for property sketch



STATION ID: FM0160C SAMPLE ID: FM0160C-CS

SAMPLE COLLECTION TIME: 1528

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:

FM0160 @

GPS Coordinates: Trimble [☒] Instrument #: _____ Logged? Y or N

Aliquot #1: Latitude: _____ N Longitude: _____ W

Media description: med brown sandy silty clay

Aliquot #2 Latitude: _____ N Longitude: _____ W

Media description: same as previous

Aliquot #3: Latitude: _____ N Longitude: _____ W

Media description: same as previous

Aliquot #4: Latitude: _____ N Longitude: _____ W

Media description: same as previous

Aliquot #5: Latitude: _____ N Longitude: _____ W

Media description: same as previous

STATION ID: FM0160D SAMPLE ID: FM0160D-CS

SAMPLE COLLECTION TIME: 1535

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:

GPS Coordinates: Trimble [☒] Instrument #: _____ Logged? Y or N

Aliquot #1: Latitude: _____ N Longitude: _____ W

Media description: brown sandy clay w/ some gravel

Aliquot #2 Latitude: _____ N Longitude: _____ W

Media description: same as previous

Aliquot #3: Latitude: _____ N Longitude: _____ W

Media description: same as previous

Aliquot #4: Latitude: _____ N Longitude: _____ W

Media description: same as previous

Aliquot #5: Latitude: _____ N Longitude: _____ W

Media description: same as previous

ADDRESS: _____ PROPERTY ID: FM0160

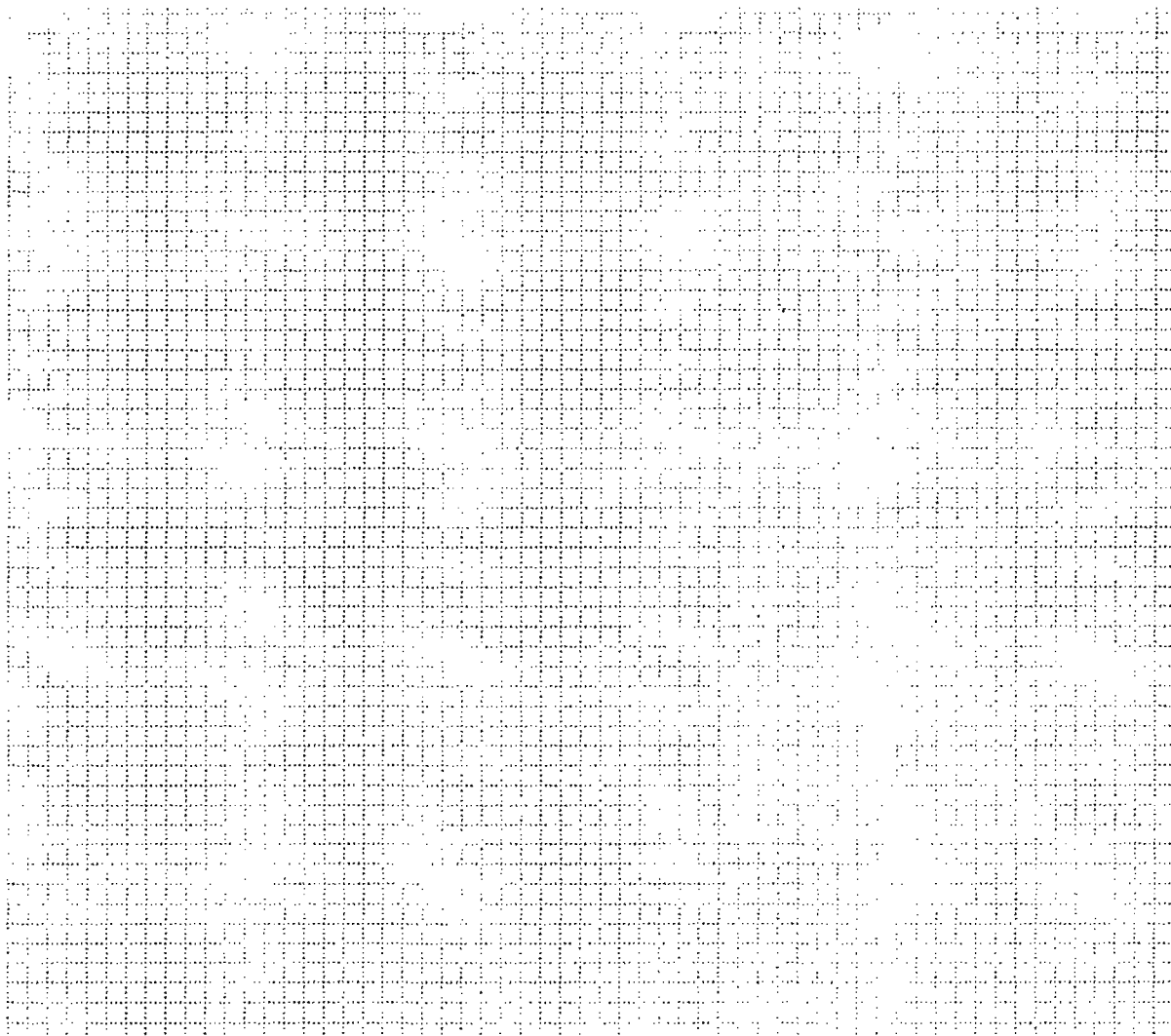
DATE: 2/13/13 ARRIVAL TIME: —

Other pertinent information (weather conditions, etc.):

47°F, Cloudy, windy

PROPERTY COMMENTS:

Grid for property sketch



STATION ID: FM0160E SAMPLE ID: FM0160E-CS

SAMPLE COLLECTION TIME: 1.538

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:

GPS Coordinates: Trimble [Y] Instrument #: _____ Logged? Y or N

Aliquot #1: Latitude: _____ N Longitude: _____ W

Media description: DK brwn silty clay

Aliquot #2: Latitude: _____ N Longitude: _____ W

Media description: DK brwn silty clay

Aliquot #3: Latitude: _____ N Longitude: _____ W

Media description: DK brwn silty clay w/ gravel & coal

Aliquot #4: Latitude: _____ N Longitude: _____ W

Media description: DK brwn silty clay

Aliquot #5: Latitude: _____ N Longitude: _____ W

Media description: DK brwn silty clay

STATION ID: FM0160F SAMPLE ID: FM0160F-CS

SAMPLE COLLECTION TIME: 1545

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: FM0160 @

GPS Coordinates: Trimble [Y] Instrument #: _____ Logged? Y or N

Aliquot #1: Latitude: _____ N Longitude: _____ W

Media description: med brwn coarse sandy silt

Aliquot #2: Latitude: _____ N Longitude: _____ W

Media description: same as previous

Aliquot #3: Latitude: _____ N Longitude: _____ W

Media description: same as previous

Aliquot #4: Latitude: _____ N Longitude: _____ W

Media description: same as previous

Aliquot #5: Latitude: _____ N Longitude: _____ W

Media description: same as previous

ADDRESS: _____ PROPERTY ID: FMO160

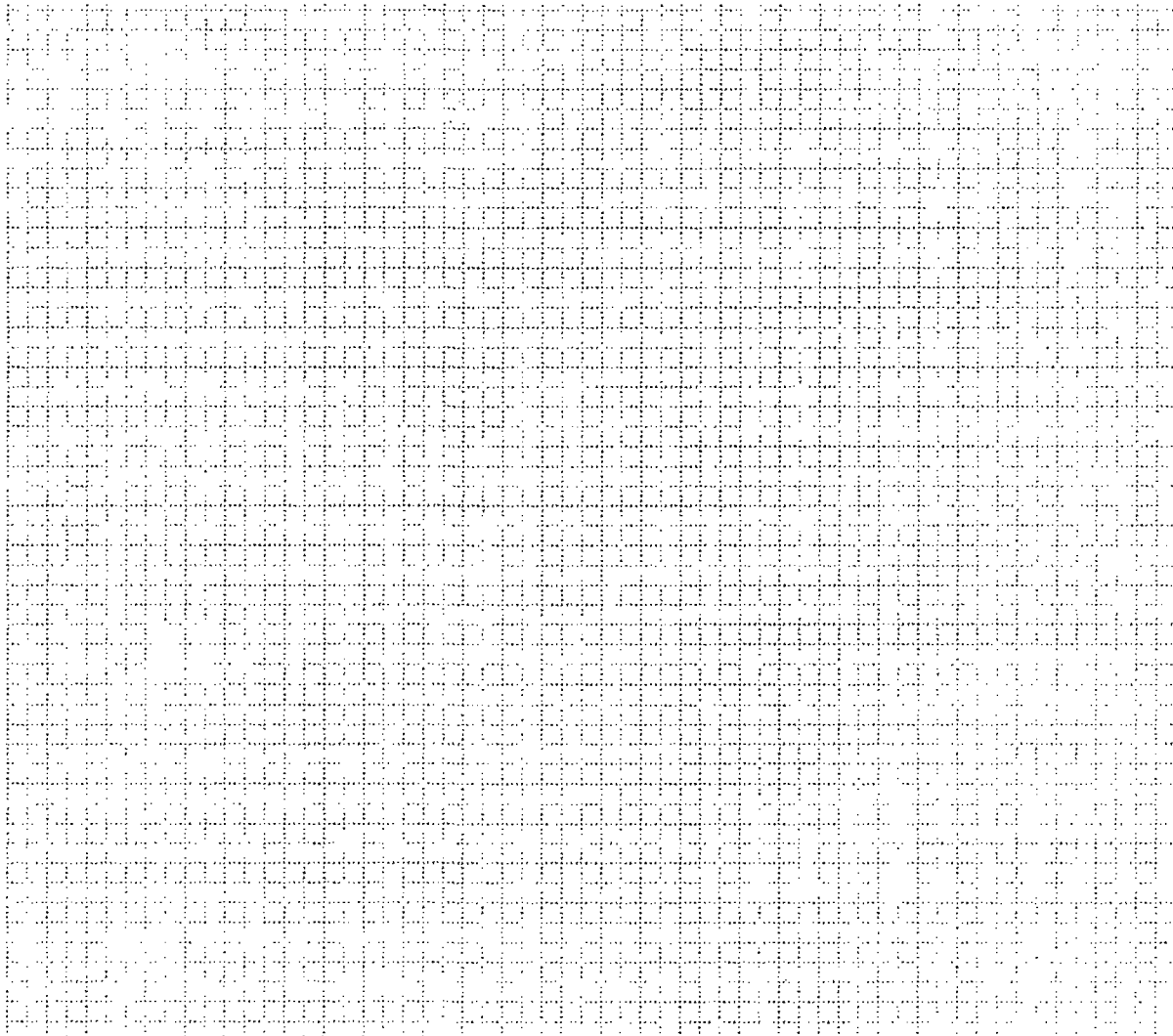
DATE: 2/13/13 ARRIVAL TIME:

Other pertinent information (weather conditions, etc.):

47°F, cloudy, windy

PROPERTY COMMENTS:

Grid for property sketch



STATION ID: FM01606 SAMPLE ID: FM01606-CS

SAMPLE COLLECTION TIME: 1552

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: _____

GPS Coordinates: Trimble [☒] Instrument #: _____ Logged? Y or N

Aliquot #1: Latitude: _____ N Longitude _____ W

Media description: orange brn silty clay

Aliquot #2 Latitude: _____ N Longitude _____ W

Media description: brn silty clay

Aliquot #3: Latitude: _____ N Longitude _____ W

Media description: same as previous

Aliquot #4: Latitude: _____ N Longitude _____ W

Media description: same as previous

Aliquot #5: Latitude: _____ N Longitude _____ W

Media description: same as previous

STATION ID: FM0160H SAMPLE ID: FM0160H-CS

SAMPLE COLLECTION TIME: 1555

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: _____

GPS Coordinates: Trimble [☒] Instrument #: _____ Logged? Y or N

Aliquot #1: Latitude: _____ N Longitude _____ W

Media description: brn sandy clay

Aliquot #2 Latitude: _____ N Longitude _____ W

Media description: same as previous

Aliquot #3: Latitude: _____ N Longitude _____ W

Media description: same as previous

Aliquot #4: Latitude: _____ N Longitude _____ W

Media description: same as previous

Aliquot #5: Latitude: _____ N Longitude _____ W

Media description: same as previous

ADDRESS: _____ PROPERTY ID: FM0160

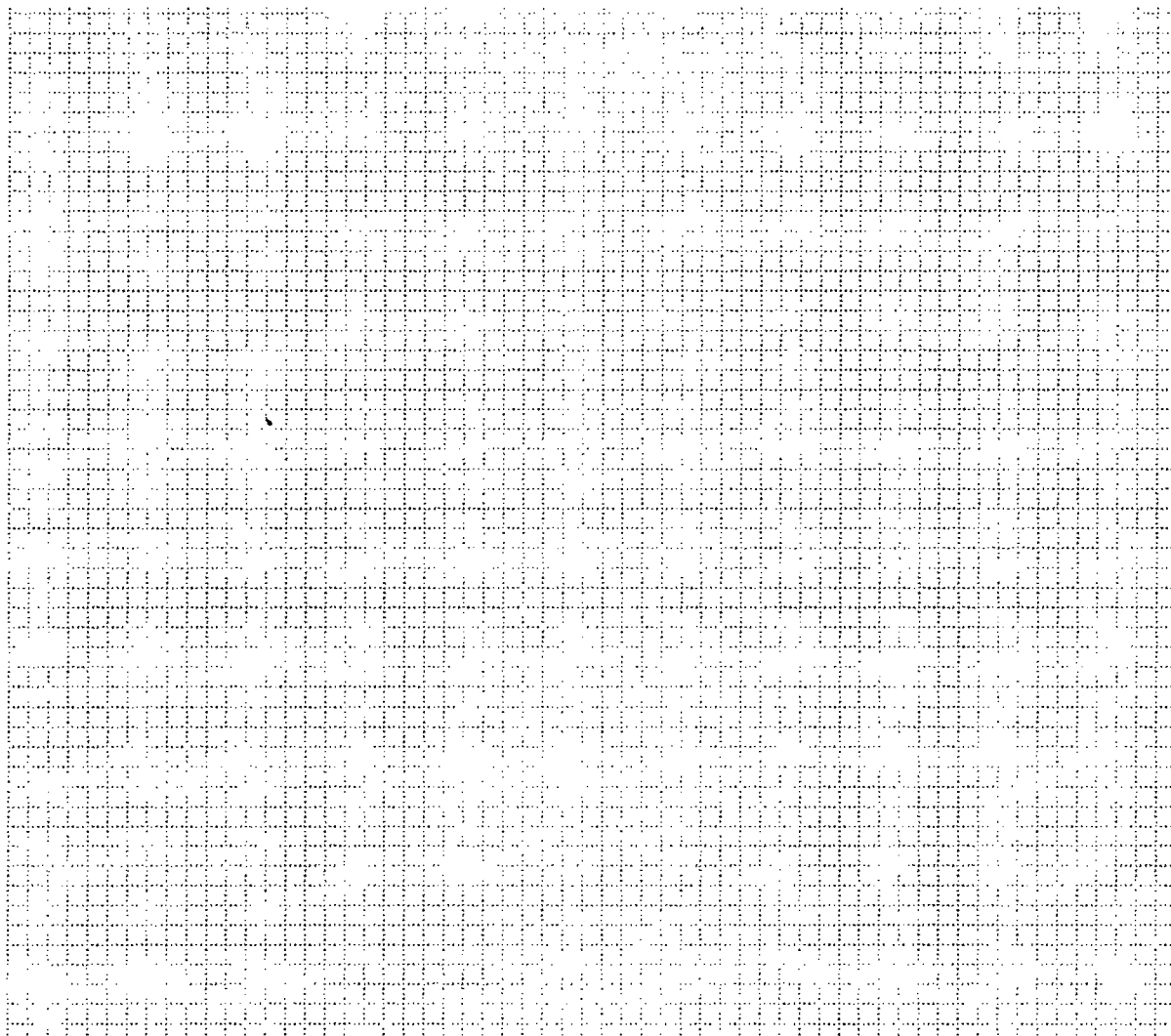
DATE: 2/13/13 ARRIVAL TIME: —

Other pertinent information (weather conditions, etc.):

47°F, Cloudy, Windy

PROPERTY COMMENTS:

Grid for property sketch



STATION ID: FM0160I SAMPLE ID: FM0160I-CS

SAMPLE COLLECTION TIME: 1602

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: _____

GPS Coordinates: Trimble [☒] Instrument #: _____		Logged? <u>Y</u> or N
Aliquot #1: Latitude: _____	N Longitude _____	W
Media description: <u>brn silty clay wet</u>		
Aliquot #2: Latitude: _____	N Longitude _____	W
Media description: <u>same as previous</u>		
Aliquot #3: Latitude: _____	N Longitude _____	W
Media description: <u>same as previous</u>		
Aliquot #4: Latitude: _____	N Longitude _____	W
Media description: <u>same as previous</u>		
Aliquot #5: Latitude: _____	N Longitude _____	W
Media description: <u>same as previous</u>		

STATION ID: FM0160J SAMPLE ID: FM0160J-CS

SAMPLE COLLECTION TIME: 1603

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: _____

GPS Coordinates: Trimble [☒] Instrument #: _____		Logged? <u>Y</u> or N
Aliquot #1: Latitude: _____	N Longitude _____	W
Media description: <u>light brn coarse sandy silt w/ clay</u>		
Aliquot #2: Latitude: _____	N Longitude _____	W
Media description: <u>same as previous</u>		
Aliquot #3: Latitude: _____	N Longitude _____	W
Media description: <u>same as previous</u>		
Aliquot #4: Latitude: _____	N Longitude _____	W
Media description: <u>same as previous</u>		
Aliquot #5: Latitude: _____	N Longitude _____	W
Media description: <u>same as previous</u>		

ADDRESS: _____ PROPERTY ID: Fm0160

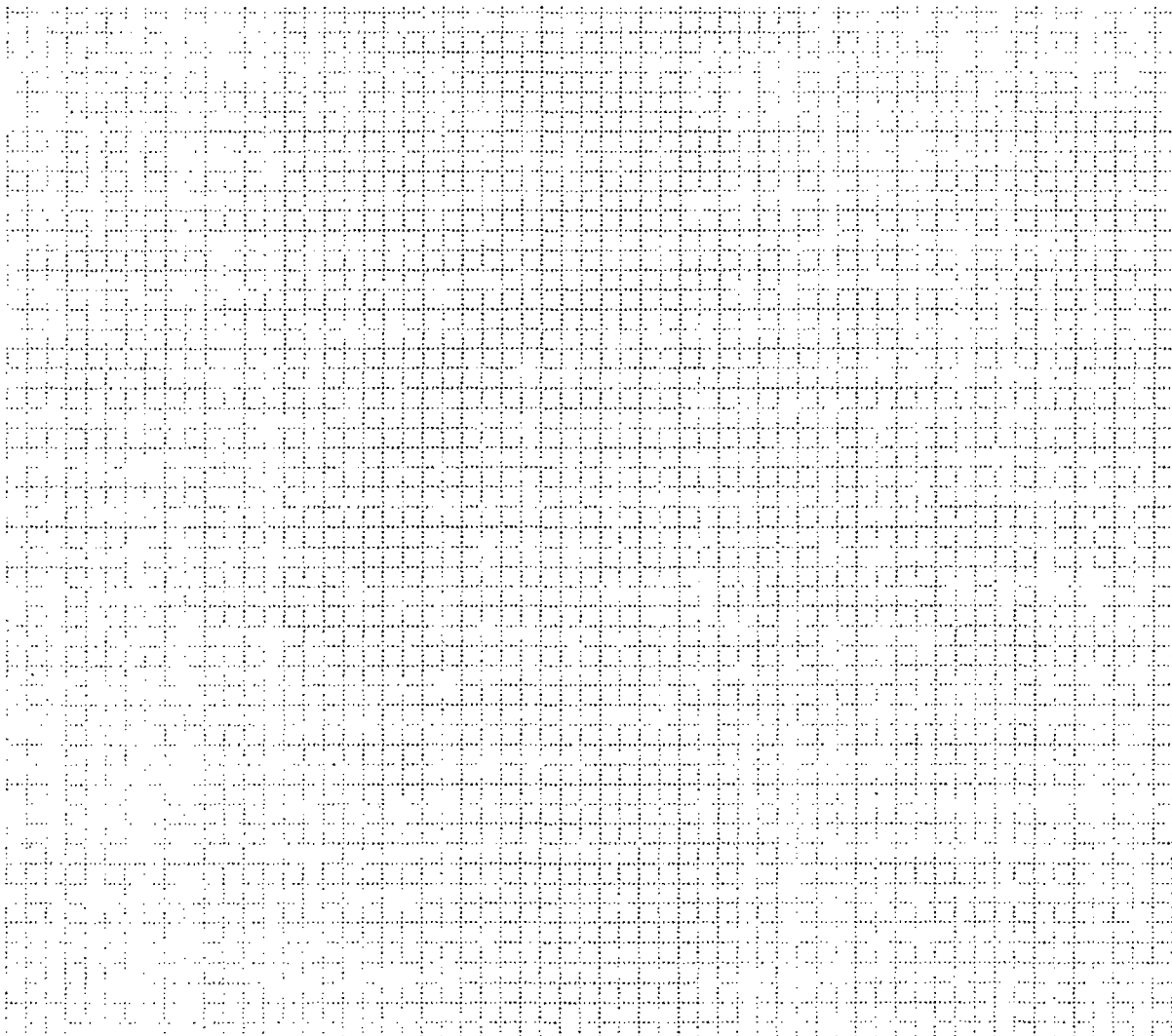
DATE: 2/13/13 ARRIVAL TIME:

Other pertinent information (weather conditions, etc.):

47°F, Cloudy, Windy

PROPERTY COMMENTS:

Grid for property sketch



STATION ID: FM0160K SAMPLE ID: FM0160K-CS

SAMPLE COLLECTION TIME: 1609

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: FM0160K @

GPS Coordinates: Trimble [☒] Instrument #: _____ Logged? Y or N

Aliquot #1: Latitude: _____ N Longitude _____ W

Media description: brn sandy clay w/ some coal fragments

Aliquot #2: Latitude: _____ N Longitude _____ W

Media description: same as previous

Aliquot #3: Latitude: _____ N Longitude _____ W

Media description: same as previous

Aliquot #4: Latitude: _____ N Longitude _____ W

Media description: same as previous

Aliquot #5: Latitude: _____ N Longitude _____ W

Media description: same as previous

STATION ID: FM0160L SAMPLE ID: FM0160L-CS

SAMPLE COLLECTION TIME: 1615

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: _____

GPS Coordinates: Trimble [☒] Instrument #: _____ Logged? Y or N

Aliquot #1: Latitude: _____ N Longitude _____ W

Media description: light brn silty clay

Aliquot #2: Latitude: _____ N Longitude _____ W

Media description: same as previous

Aliquot #3: Latitude: _____ N Longitude _____ W

Media description: same as previous

Aliquot #4: Latitude: _____ N Longitude _____ W

Media description: DK brn silty clay damp-wet

Aliquot #5: Latitude: _____ N Longitude _____ W

Media description: same as previous

ADDRESS: _____ PROPERTY ID: FM05161

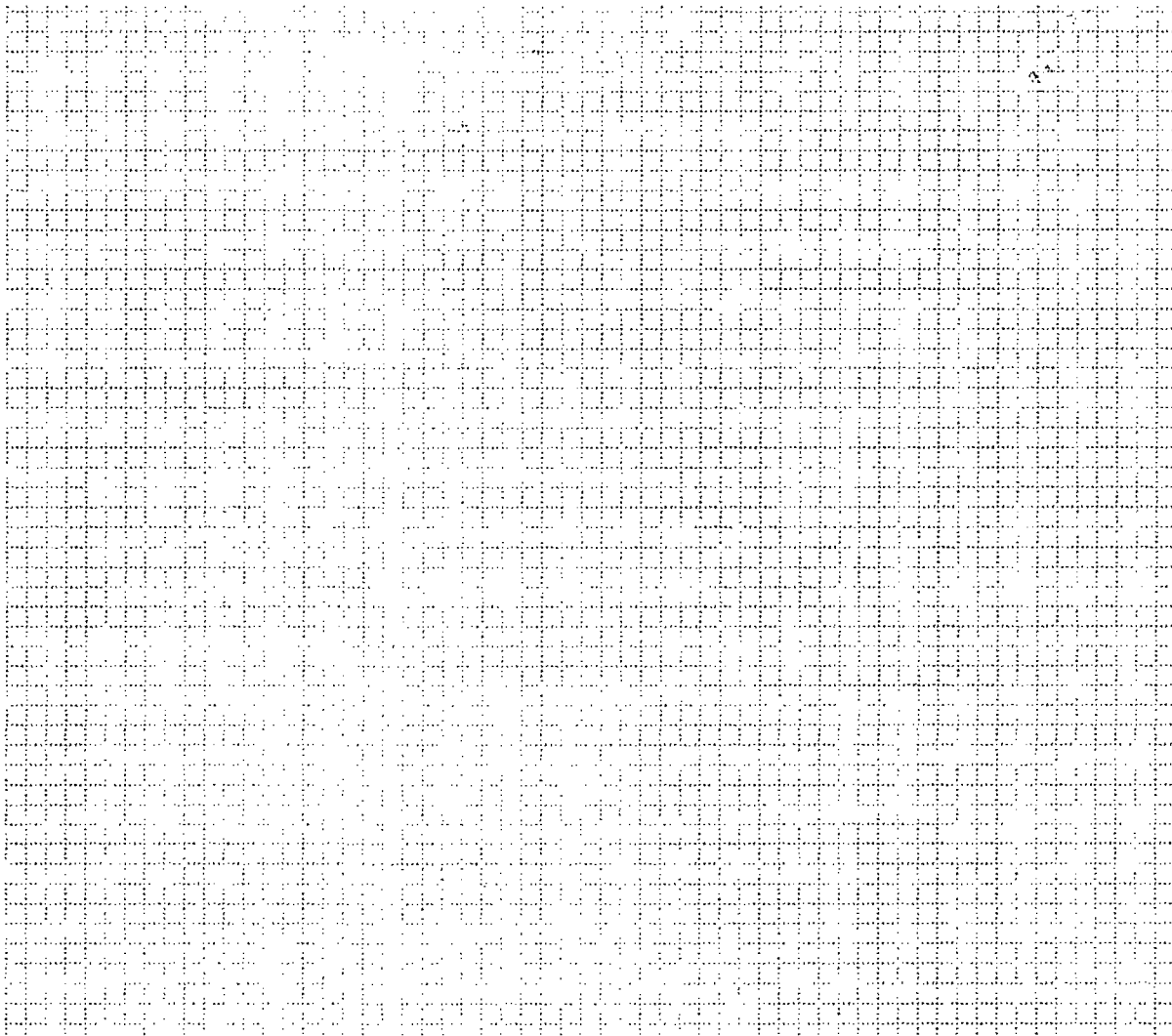
DATE: 2/13/13 ARRIVAL TIME: 1020

Other pertinent information (weather conditions, etc.):

47°F, Cloudy, windy

PROPERTY COMMENTS:

Grid for property sketch



STATION ID: FM0161AB SAMPLE ID: FM0161AB-GS

SAMPLE COLLECTION TIME: ~~1630~~ 1635

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: ~~Composite~~ or Grab MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: _____

GPS Coordinates: Trimble ☒ Instrument #: _____		Logged? ☒ Y or N
Aliquot #1: Latitude: _____	N Longitude _____	W
Media description: <u>Brun sand clay</u>		
Aliquot #2: Latitude: _____	N Longitude _____	W
Media description: _____		
Aliquot #3: Latitude: _____	N Longitude _____	W
Media description: _____		
Aliquot #4: Latitude: _____	N Longitude _____	W
Media description: _____ <u>BB</u>		
Aliquot #5: Latitude: _____	N Longitude _____	W
Media description: _____		

STATION ID: FM0161A SAMPLE ID: FM0161A-CS

SAMPLE COLLECTION TIME: 1630

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: _____

GPS Coordinates: Trimble ☒ Instrument #: _____		Logged? ☒ Y or N
Aliquot #1: Latitude: _____	N Longitude _____	W
Media description: <u>med brun coarse sandy silt w/clay</u>		
Aliquot #2: Latitude: _____	N Longitude _____	W
Media description: <u>same as previous</u>		
Aliquot #3: Latitude: _____	N Longitude _____	W
Media description: <u>same as previous</u>		
Aliquot #4: Latitude: _____	N Longitude _____	W
Media description: <u>same as previous</u>		
Aliquot #5: Latitude: _____	N Longitude _____	W
Media description: <u>same as previous</u>		

ADDRESS: _____ PROPERTY ID: FM0161

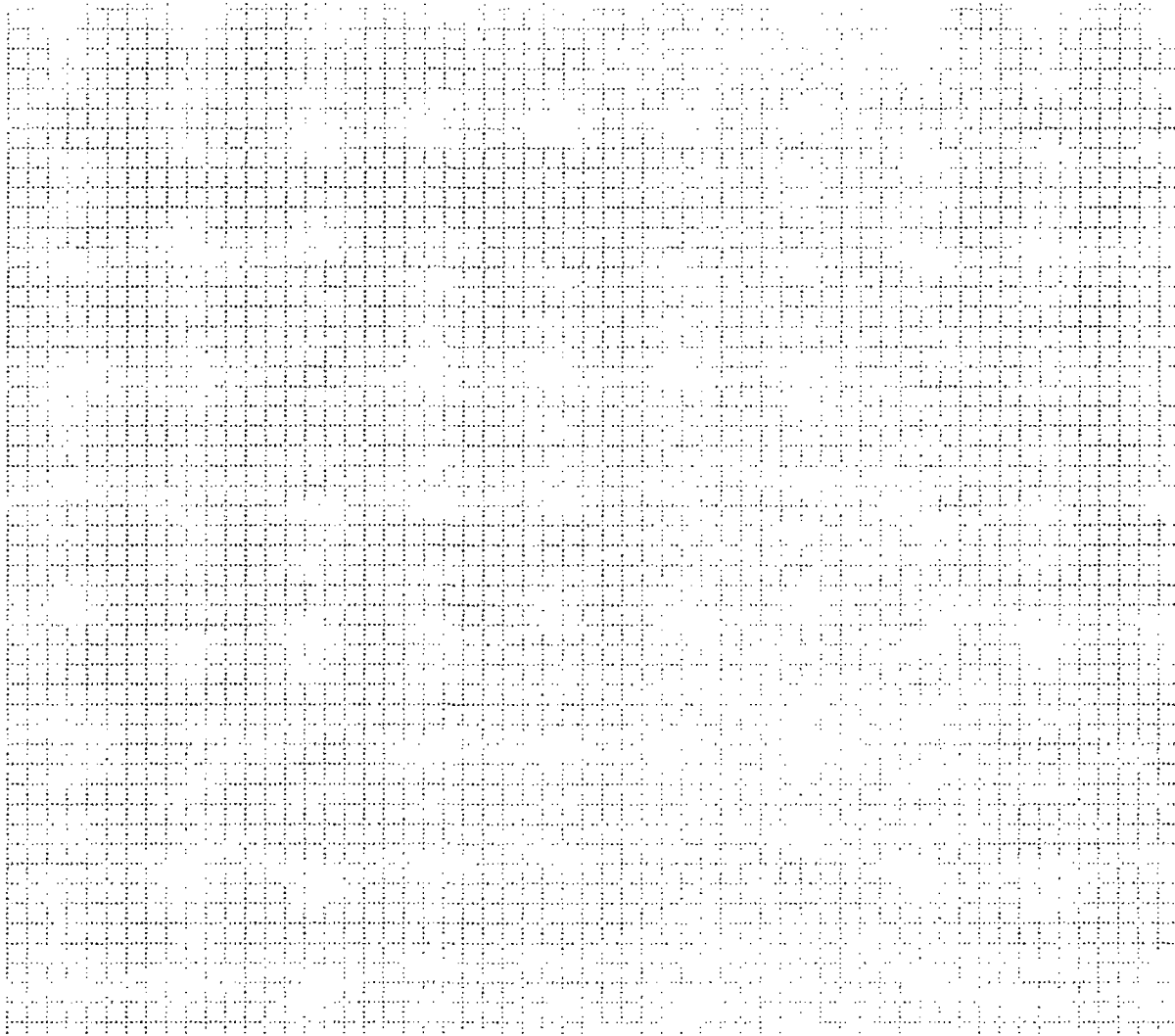
DATE: 2/13/13 ARRIVAL TIME: _____

Other pertinent information (weather conditions, etc.):

47°F, Cloudy, Windy

PROPERTY COMMENTS:

Grid for property sketch



STATION ID: FM0161B SAMPLE ID: FM0161B-CS

SAMPLE COLLECTION TIME: 1638

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: _____

GPS Coordinates: Trimble [☒] Instrument #: _____ Logged? Y or N

Aliquot #1: Latitude: _____ N Longitude _____ W

Media description: reddish orange silty sand w/ gravel & debris

Aliquot #2 Latitude: _____ N Longitude _____ W

Media description: DK brwn silty clay

Aliquot #3: Latitude: _____ N Longitude _____ W

Media description: same as previous

Aliquot #4: Latitude: _____ N Longitude _____ W

Media description: same as previous

Aliquot #5: Latitude: _____ N Longitude _____ W

Media description: DK brwn silty clay w/ gravel & coal

STATION ID: FM0161C SAMPLE ID: FM0161C-CS

SAMPLE COLLECTION TIME: 1645

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: _____

GPS Coordinates: Trimble [☐] Instrument #: _____ Logged? Y or N

Aliquot #1: Latitude: _____ N Longitude _____ W

Media description: Brwn clay sand

Aliquot #2 Latitude: _____ N Longitude _____ W

Media description: same as previous

Aliquot #3: Latitude: _____ N Longitude _____ W

Media description: same as previous

Aliquot #4: Latitude: _____ N Longitude _____ W

Media description: same as previous

Aliquot #5: Latitude: _____ N Longitude _____ W

Media description: same as previous

ADDRESS: _____ PROPERTY ID: FMD161

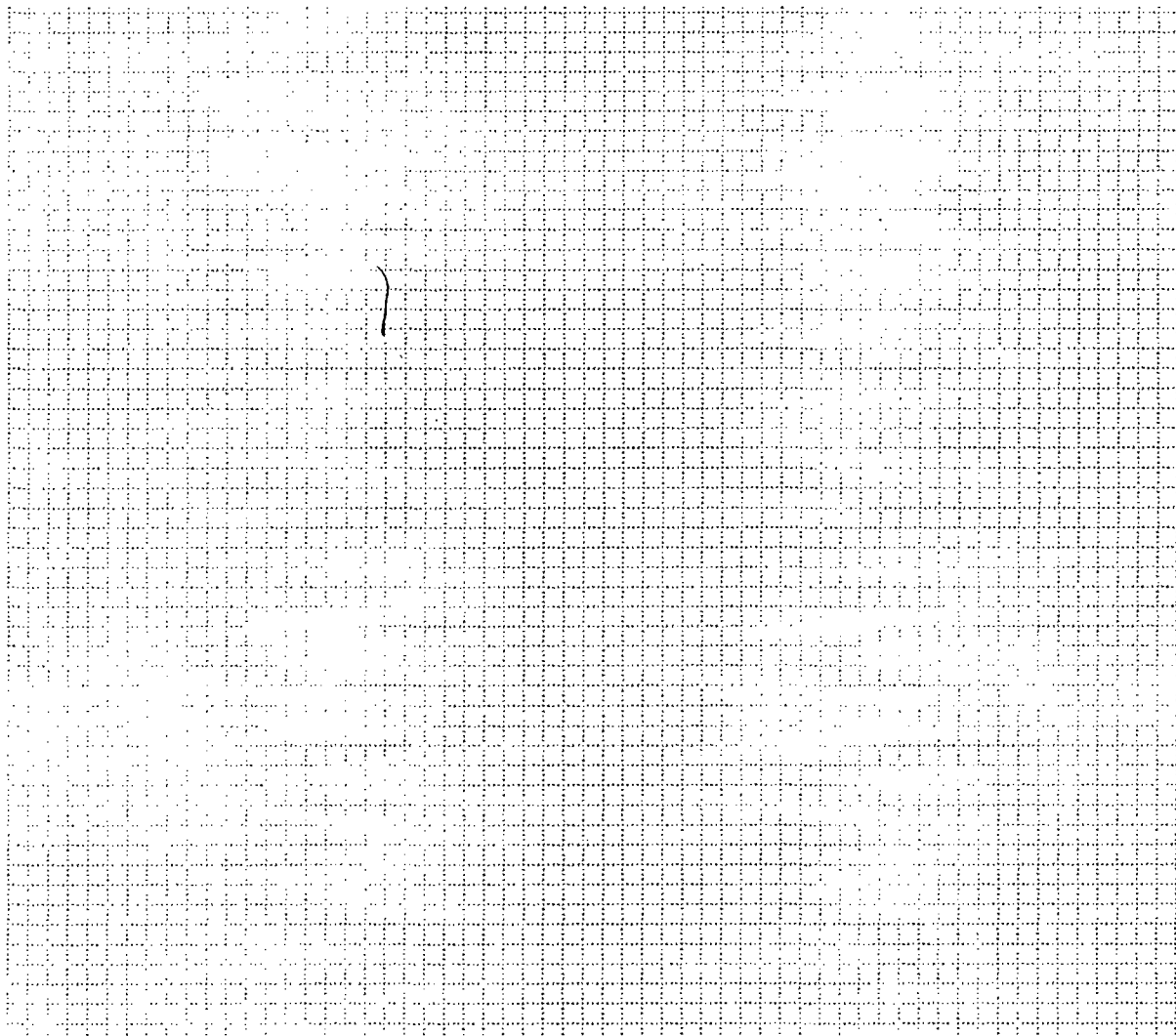
DATE: 2/13/13 ARRIVAL TIME: _____

Other pertinent information (weather conditions, etc.):

47°F, Cloudy, Windy

PROPERTY COMMENTS:

Grid for property sketch



STATION ID: FM0161AC SAMPLE ID: FM0161AC-GS

SAMPLE COLLECTION TIME: 1643

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: _____

GPS Coordinates: Trimble [☒] Instrument #: _____		Logged? ☒ Y or <u>N</u>
Aliquot #1: Latitude: _____	N Longitude _____	W _____
Media description: <u>med brun silty sand</u>		
Aliquot #2: Latitude: _____	N Longitude _____	W _____
Media description: _____		
Aliquot #3: Latitude: _____	N Longitude _____	W _____
Media description: _____		
Aliquot #4: Latitude: _____	N Longitude _____	W _____
Media description: _____		
Aliquot #5: Latitude: _____	N Longitude _____	W _____
Media description: _____		

STATION ID: FM0161D SAMPLE ID: FM0161D-CS

SAMPLE COLLECTION TIME: 1650

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: _____

GPS Coordinates: Trimble [☒] Instrument #: _____		Logged? ☒ Y or <u>N</u>
Aliquot #1: Latitude: _____	N Longitude _____	W _____
Media description: <u>brun silty clay</u>		
Aliquot #2: Latitude: _____	N Longitude _____	W _____
Media description: <u>brun silty clay</u>		
Aliquot #3: Latitude: _____	N Longitude _____	W _____
Media description: <u>orange clay</u>		
Aliquot #4: Latitude: _____	N Longitude _____	W _____
Media description: <u>brun silty clay</u>		
Aliquot #5: Latitude: _____	N Longitude _____	W _____
Media description: <u>brun silty clay</u>		

ADDRESS: (b) (6)

PROPERTY ID: FM0161

DATE: 02/14/2013

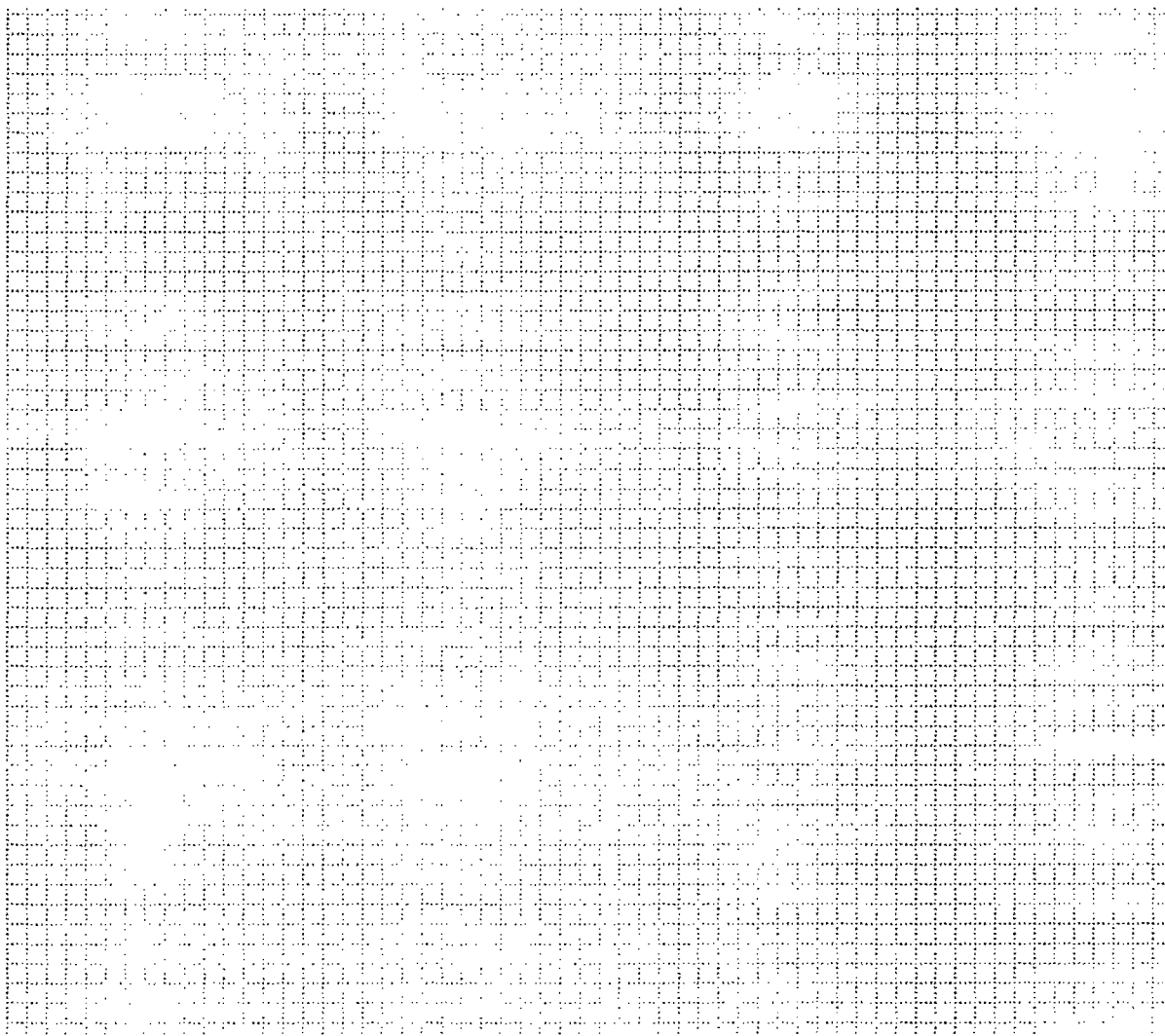
ARRIVAL TIME: 0820

Other pertinent information (weather conditions, etc.):

38° Sunny calm winds, 89% humidity

PROPERTY COMMENTS:

Grid for property sketch



STATION ID: PM0161 E SAMPLE ID: PM0161 E-CS

SAMPLE COLLECTION TIME: 0839

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: _____

GPS Coordinates: Trimble ☒ Instrument #: 020168 Logged? ☒ or N

Aliquot #1: Latitude: _____ N Longitude _____ W

Media description: OK bun silt, sandy clay dmp

Aliquot #2 Latitude: _____ N Longitude _____ W

Media description: Same soil

Aliquot #3: Latitude: _____ N Longitude _____ W

Media description: Same soil

Aliquot #4: Latitude: _____ N Longitude _____ W

Media description: Same soil

Aliquot #5: Latitude: _____ N Longitude _____ W

Media description: Same soil

STATION ID: PM0161 F SAMPLE ID: PM0161 F-CS

SAMPLE COLLECTION TIME: 0847

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: PM0161 F-

GPS Coordinates: Trimble ☒ Instrument #: 020168 Logged? ☒ or N

Aliquot #1: Latitude: _____ N Longitude _____ W

Media description: Bun silt, clay dmp

Aliquot #2 Latitude: _____ N Longitude _____ W

Media description: Same soil

Aliquot #3: Latitude: _____ N Longitude _____ W

Media description: Same soil

Aliquot #4: Latitude: _____ N Longitude _____ W

Media description: Same soil

Aliquot #5: Latitude: _____ N Longitude _____ W

Media description: Same soil

ADDRESS: _____ PROPERTY ID: Fm0161 (copy)

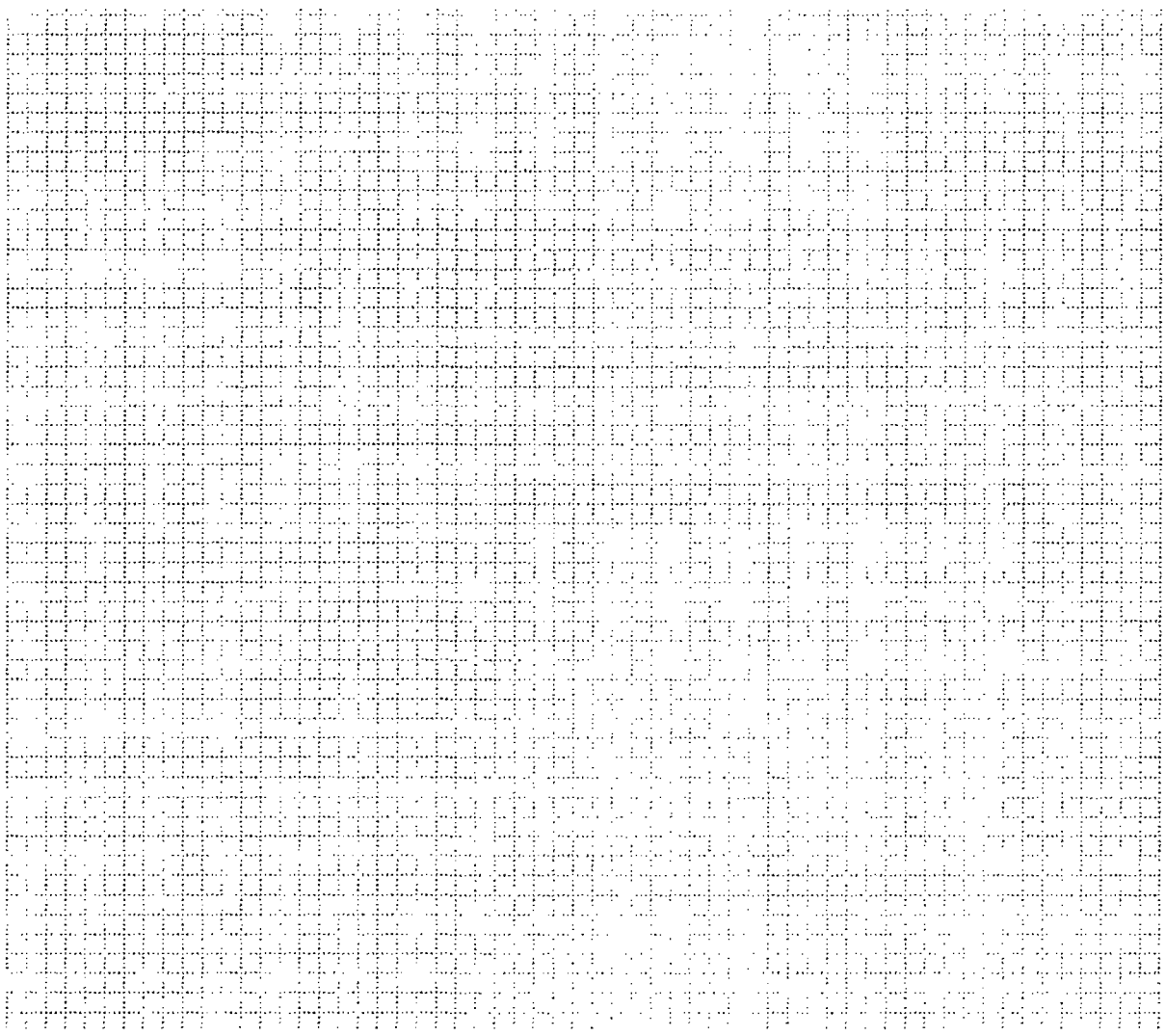
DATE: 02/14/2023 (copy) ARRIVAL TIME: _____

Other pertinent information (weather conditions, etc.):

41° Sunny, calm 87% humidity

PROPERTY COMMENTS:

Grid for property sketch



KMT 2/14/13 EE

STATION ID: FM0161AD AD

SAMPLE ID: FM0161 AD-6S

SAMPLE COLLECTION TIME: 0849

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: _____

GPS Coordinates: Trimble ☒ Instrument #: 020168 Logged? ☒ or N

Aliquot #1: Latitude: _____ N Longitude _____ W

Media description: OK bar slt 5-17 clay damp

Aliquot #2: Latitude: _____ N Longitude _____ W

Media description: _____

Aliquot #3: Latitude: _____ N Longitude _____ W

Media description: _____

Aliquot #4: Latitude: _____ N Longitude _____ W

Media description: _____

Aliquot #5: Latitude: _____ N Longitude _____ W

Media description: _____

STATION ID: FM0161AE

SAMPLE ID: FM0161AE-6S

SAMPLE COLLECTION TIME: 0852

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: _____

GPS Coordinates: Trimble ☒ Instrument #: 020168 Logged? ☒ or N

Aliquot #1: Latitude: S N Longitude _____ W

Media description: Bar slt 5-17 clay damp

Aliquot #2: Latitude: _____ N Longitude _____ W

Media description: _____

Aliquot #3: Latitude: _____ N Longitude _____ W

Media description: _____

Aliquot #4: Latitude: _____ N Longitude _____ W

Media description: _____

Aliquot #5: Latitude: _____ N Longitude _____ W

Media description: _____

ADDRESS: (b) (6)

PROPERTY ID: FM0161 (C27)

DATE: 02/14/13

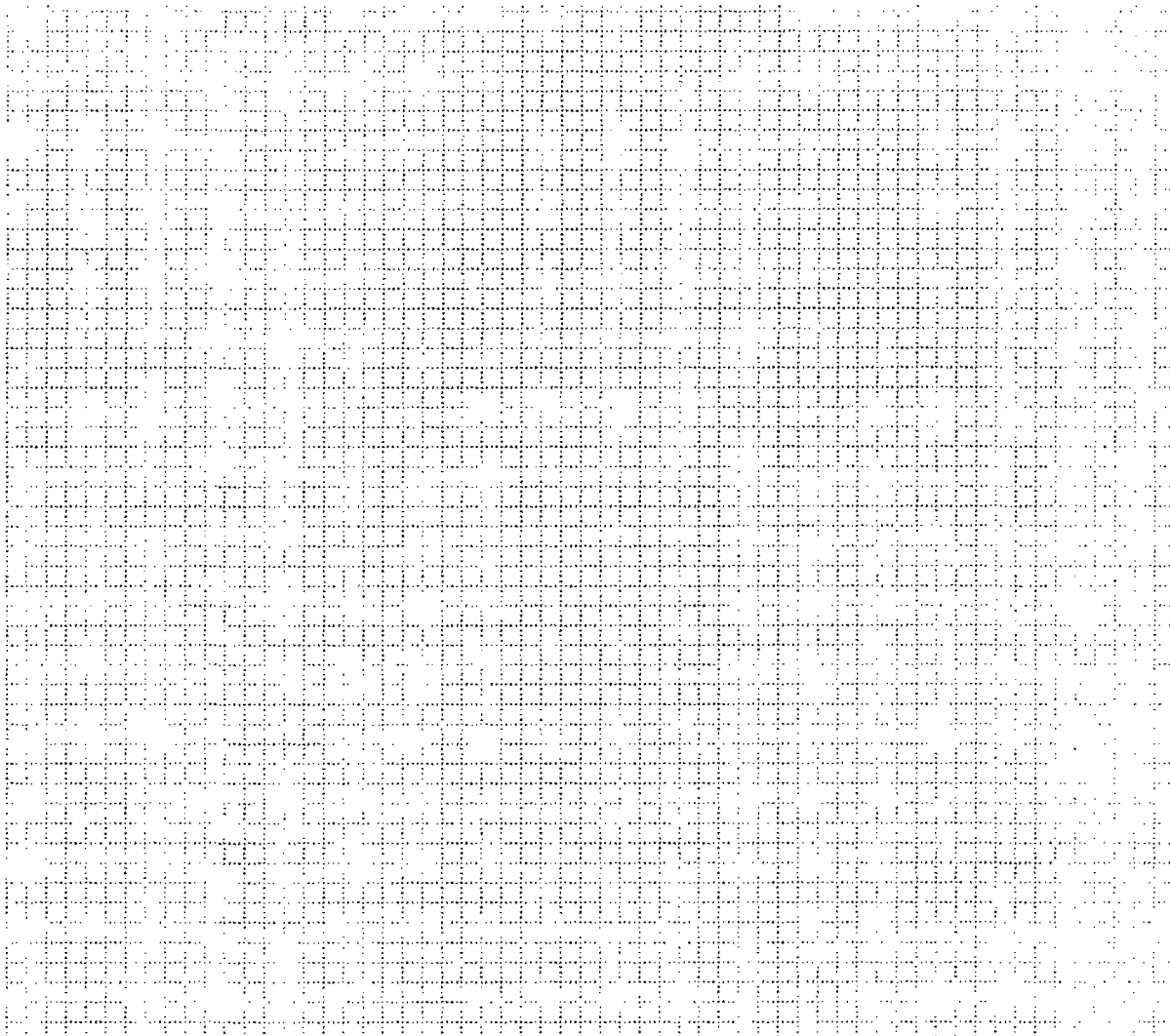
ARRIVAL TIME: _____

Other pertinent information (weather conditions, etc.):

91° Sunny calm, 87% humidity

PROPERTY COMMENTS:

Grid for property sketch



STATION ID: PM0161G SAMPLE ID: PM0161G-ES

SAMPLE COLLECTION TIME: 0858

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: _____

GPS Coordinates: Trimble ☒ Instrument #: 020168 Logged? ☒ or ☒ 2/14/12

Aliquot #1: Latitude: _____ N Longitude: _____ W

Media description: Bur slty clay dmp w/ som gravel

Aliquot #2: Latitude: _____ N Longitude: _____ W

Media description: Sqm soil

Aliquot #3: Latitude: _____ N Longitude: _____ W

Media description: Sqm soil

Aliquot #4: Latitude: _____ N Longitude: _____ W

Media description: Sqm soil

Aliquot #5: Latitude: _____ N Longitude: _____ W

Media description: Sqm soil

STATION ID: PM0161AF SAMPLE ID: PM0161AF-ES

SAMPLE COLLECTION TIME: 0858

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: _____

GPS Coordinates: Trimble ☒ Instrument #: 020168 Logged? ☒ or N

Aliquot #1: Latitude: _____ N Longitude: _____ W

Media description: OK bur slty sandy clay dmp

Aliquot #2: Latitude: _____ N Longitude: _____ W

Media description: _____

Aliquot #3: Latitude: _____ N Longitude: _____ W

Media description: _____

Aliquot #4: Latitude: _____ N Longitude: _____ W

Media description: _____

Aliquot #5: Latitude: _____ N Longitude: _____ W

Media description: _____

ADDRESS: **(b) (6)** _____ PROPERTY ID: Fm0161

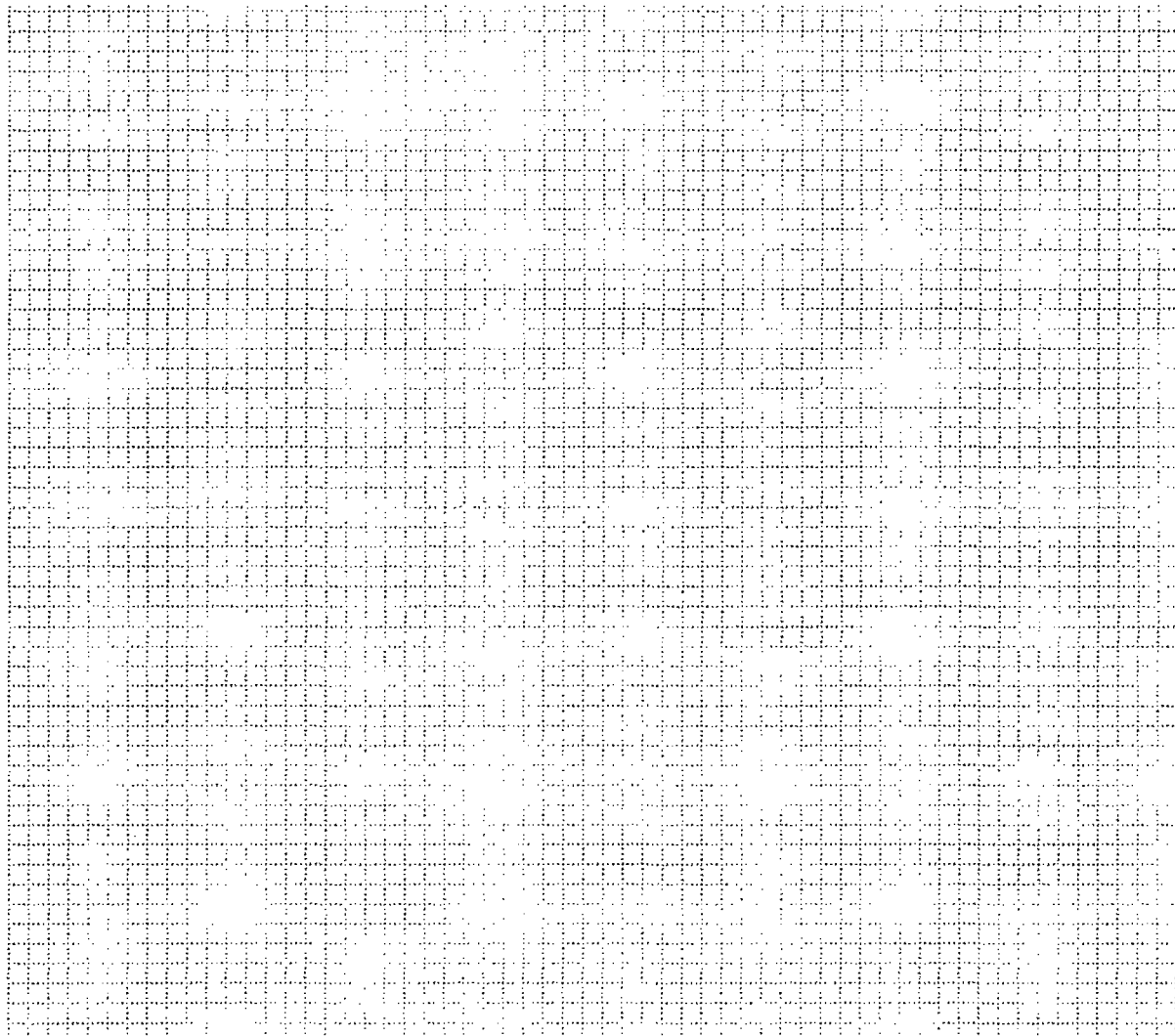
DATE: 02/14/13 ARRIVAL TIME: _____

Other pertinent information (weather conditions, etc.):

41°F Sunny, calm 87% humidity

PROPERTY COMMENTS:

Grid for property sketch



STATION ID: FM0161 H SAMPLE ID: FM0161 H-CS

SAMPLE COLLECTION TIME: 0905

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: FM0161 H-CSD 0908

GPS Coordinates:	Trimble ☒	Instrument #:	<u>020168</u>	Logged?	☒ or N
Aliquot #1:	Latitude:		N Longitude		W
	Media description:	<u>Bwn slit dmp</u>			
Aliquot #2:	Latitude:		N Longitude		W
	Media description:	<u>Bwn gr slit w/ gravel dmp</u>			
Aliquot #3:	Latitude:		N Longitude		W
	Media description:	<u>Bwn slit dmp</u>			
Aliquot #4:	Latitude:	<u>1</u>	N Longitude		W
	Media description:	<u>Bwn slit dmp</u>			
Aliquot #5:	Latitude:	<u>1</u>	N Longitude		W
	Media description:	<u>Bwn slit dmp</u>			

STATION ID: FM0161 I SAMPLE ID: FM0161 I-CS

SAMPLE COLLECTION TIME: 0910

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: _____

GPS Coordinates:	Trimble ☒	Instrument #:	<u>020168</u>	Logged?	☒ or N
Aliquot #1:	Latitude:		N Longitude		W
	Media description:	<u>OK bwn city soil, clay dmp</u>			
Aliquot #2:	Latitude:		N Longitude		W
	Media description:	<u>Sam soil</u>			
Aliquot #3:	Latitude:		N Longitude		W
	Media description:	<u>Sam soil</u>			
Aliquot #4:	Latitude:		N Longitude		W
	Media description:	<u>Sam soil</u>			
Aliquot #5:	Latitude:		N Longitude		W
	Media description:	<u>Sam soil</u>			

ADDRESS: _____ PROPERTY ID: Pm0161 Ccy

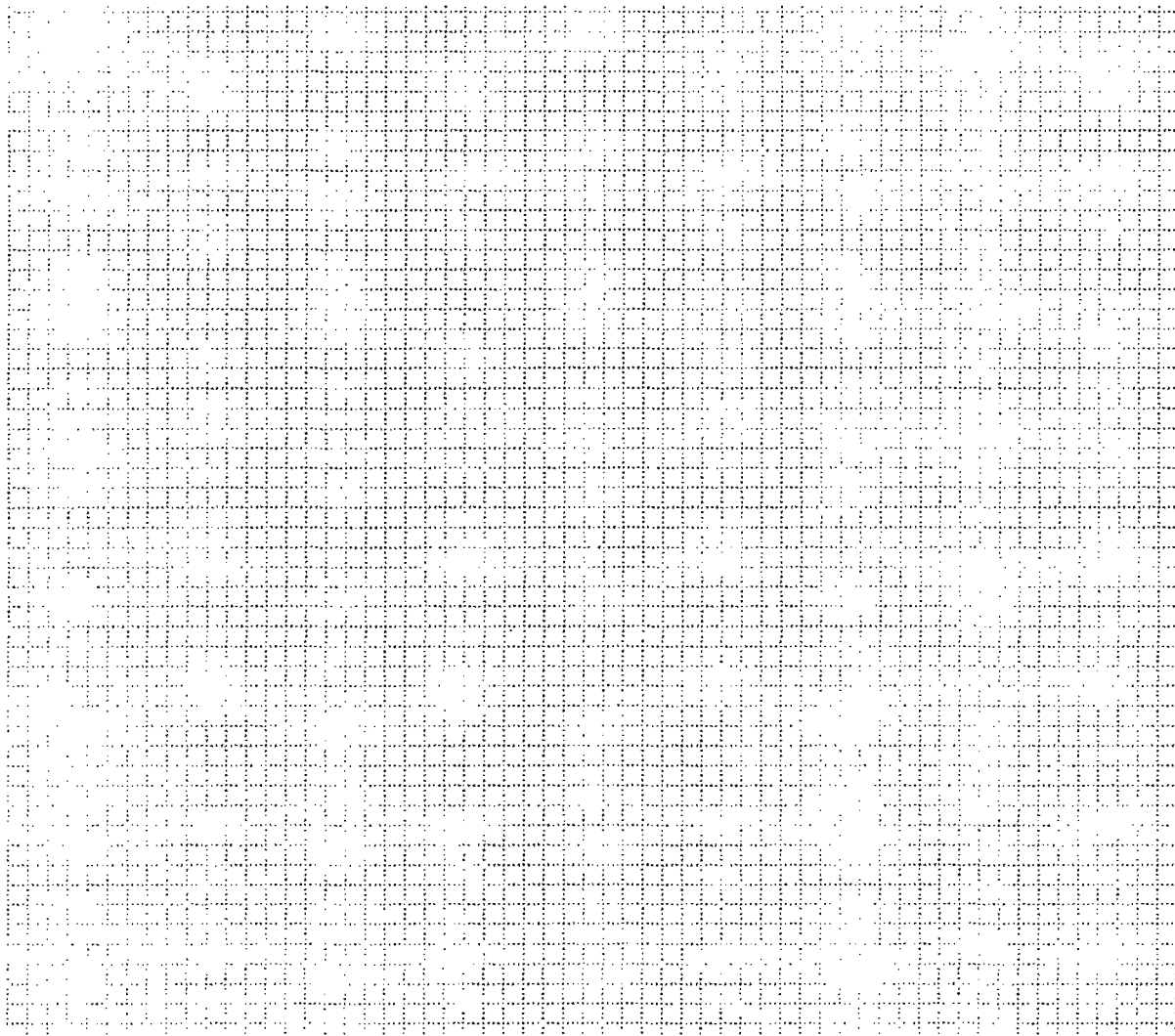
DATE: 02/14/13 ARRIVAL TIME: _____

Other pertinent information (weather conditions, etc.):

44°F Sunny calm winds 73% humidity

PROPERTY COMMENTS:

Grid for property sketch



STATION ID: PM0161 J SAMPLE ID: PM0161 J -CS

SAMPLE COLLECTION TIME: 0931

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: _____

GPS Coordinates: Trimble ☒ Instrument #: <u>020168</u> Logged? ☒ or N	
Aliquot #1: Latitude: _____	N Longitude _____ W
Media description: <u>OK brn slty silty clay drp</u>	
Aliquot #2: Latitude: _____	N Longitude _____ W
Media description: <u>Same soil</u>	
Aliquot #3: Latitude: _____	N Longitude _____ W
Media description: <u>Same soil</u>	
Aliquot #4: Latitude: _____	N Longitude _____ W
Media description: <u>Same soil</u>	
Aliquot #5: Latitude: _____	N Longitude _____ W
Media description: <u>Same soil</u>	

STATION ID: PM0161 K SAMPLE ID: PM0161 K -CS

SAMPLE COLLECTION TIME: 0937

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: _____

GPS Coordinates: Trimble ☒ Instrument #: <u>020168</u> Logged? ☒ or N	
Aliquot #1: Latitude: _____	N Longitude _____ W
Media description: <u>OK brn slty clay drp</u>	
Aliquot #2: Latitude: _____	N Longitude _____ W
Media description: <u>Same soil</u>	
Aliquot #3: Latitude: _____	N Longitude _____ W
Media description: <u>Same soil</u>	
Aliquot #4: Latitude: _____	N Longitude _____ W
Media description: <u>Same soil</u>	
Aliquot #5: Latitude: _____	N Longitude _____ W
Media description: <u>Same soil</u>	

ADDRESS: _____ PROPERTY ID: FM 0161

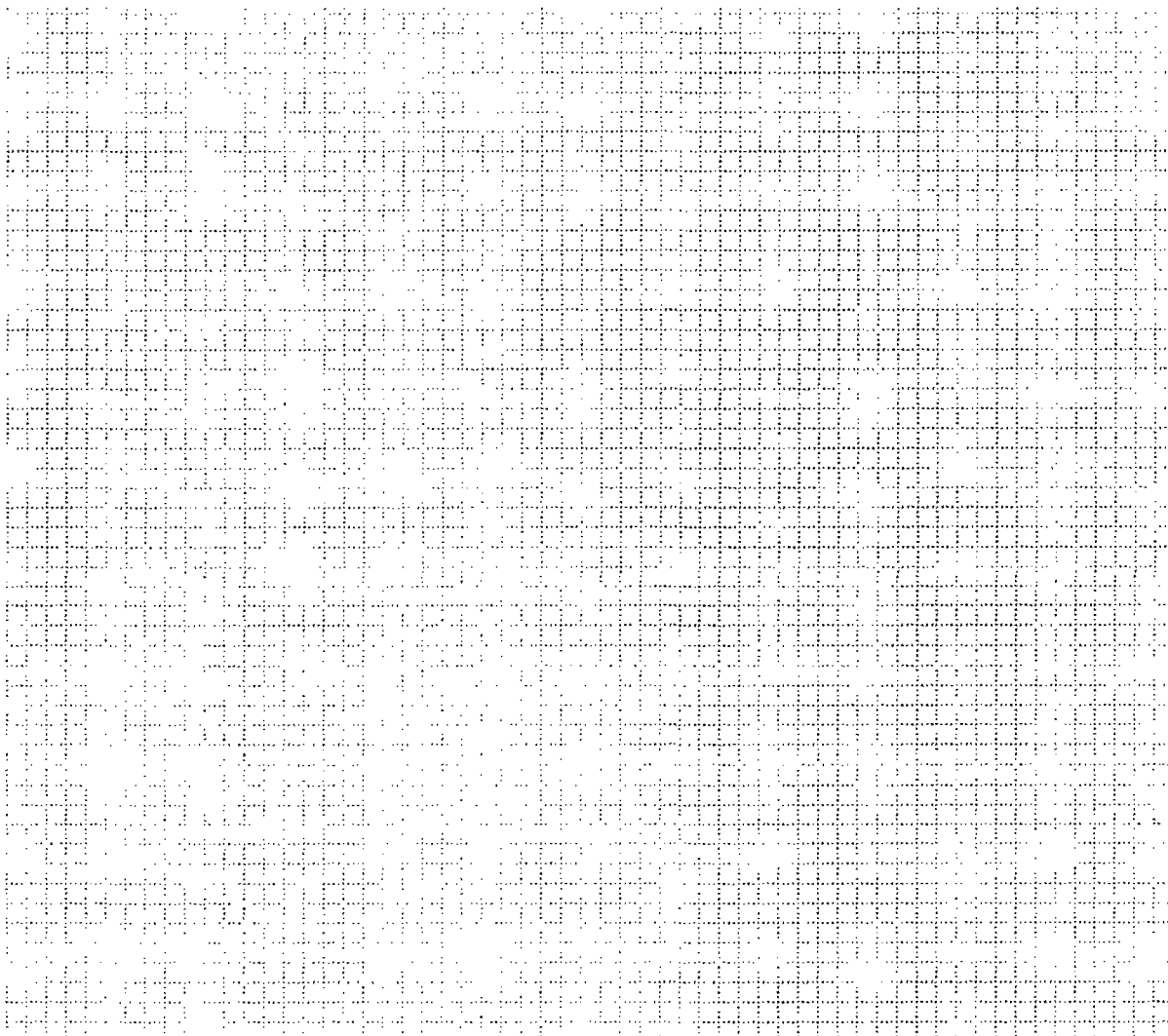
DATE: 02/14/13 ARRIVAL TIME: _____

Other pertinent information (weather conditions, etc.):

96° Sunny clear 70% humidity

PROPERTY COMMENTS:

Grid for property sketch



STATION ID: FM0161 A5 SAMPLE ID: FM0161 A5-GS

SAMPLE COLLECTION TIME: 0941

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: _____

GPS Coordinates: Trimble ☒ Instrument #: 020168 Logged? ☒ or N

Aliquot #1: Latitude: _____ N Longitude: _____ W

Media description: Bun slt dmp

Aliquot #2: Latitude: _____ N Longitude: _____ W

Media description: _____

Aliquot #3: Latitude: _____ N Longitude: _____ W

Media description: _____

Aliquot #4: Latitude: _____ N Longitude: _____ W

Media description: _____

Aliquot #5: Latitude: _____ N Longitude: _____ W

Media description: _____

STATION ID: FM0161 AM SAMPLE ID: FM0161 AM-GS

SAMPLE COLLECTION TIME: 0943

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: _____

GPS Coordinates: Trimble ☒ Instrument #: 020168 Logged? ☒ or N

Aliquot #1: Latitude: _____ N Longitude: _____ W

Media description: OK bun slt, sandy clay wet

Aliquot #2: Latitude: _____ N Longitude: _____ W

Media description: _____

Aliquot #3: Latitude: _____ N Longitude: _____ W

Media description: _____

Aliquot #4: Latitude: _____ N Longitude: _____ W

Media description: _____

Aliquot #5: Latitude: _____ N Longitude: _____ W

Media description: _____

ADDRESS: _____ PROPERTY ID: Fm0161

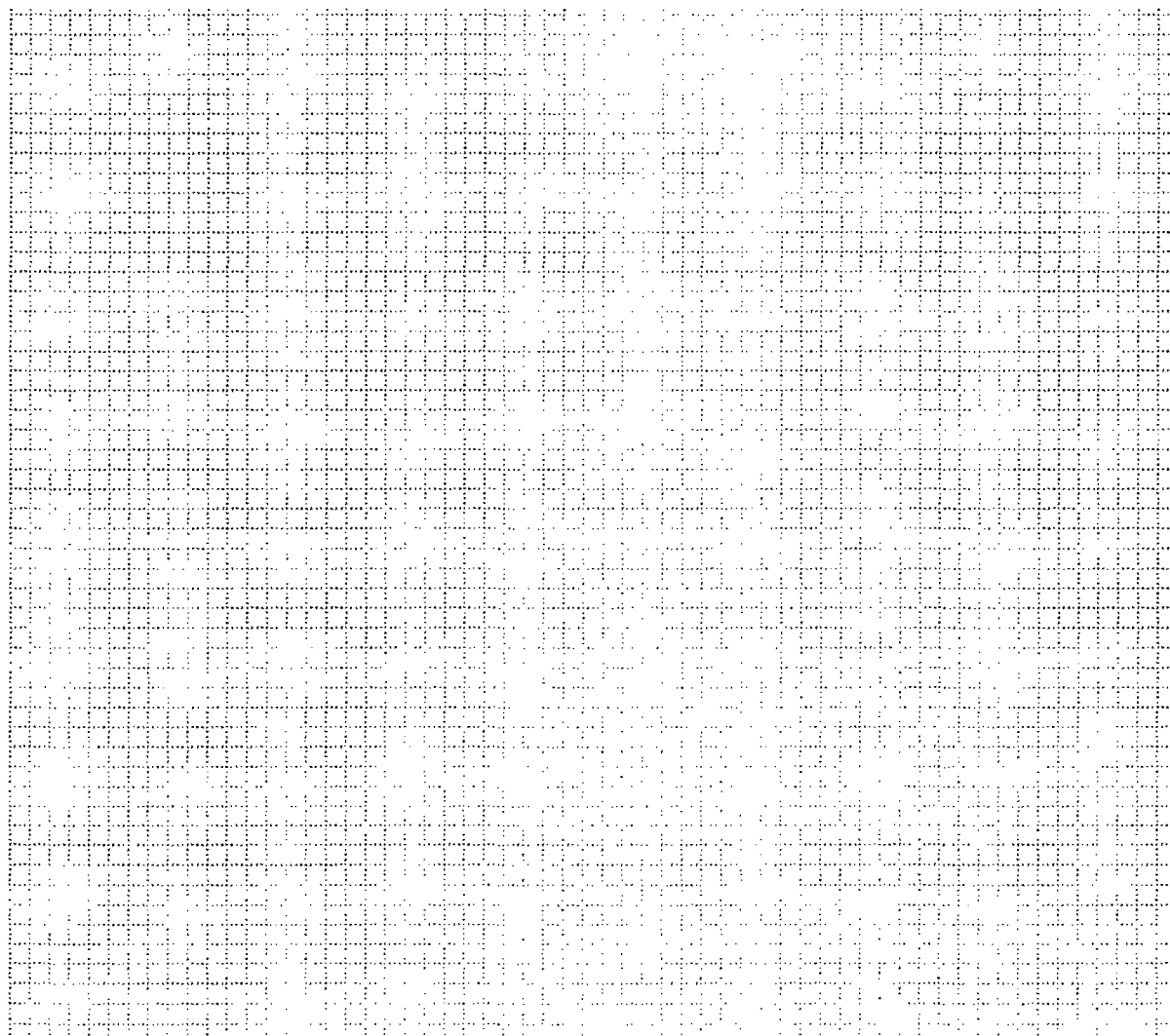
DATE: 02/14/13 ARRIVAL TIME: _____

Other pertinent information (weather conditions, etc.):

46°F sunny calm 70% hum. & h

PROPERTY COMMENTS:

Grid for property sketch



STATION ID: FM0161L SAMPLE ID: FM0161L-CS

SAMPLE COLLECTION TIME: 0948

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:

GPS Coordinates: Trimble ☒ Instrument #: 020168 Logged? ☒ or ☐

Aliquot #1: Latitude: _____ N Longitude _____ W

Media description: OK brown silty clay dmp

Aliquot #2 Latitude: _____ N Longitude _____ W

Media description: Same soil

Aliquot #3: Latitude: _____ N Longitude _____ W

Media description: Same soil

Aliquot #4: Latitude: _____ N Longitude _____ W

Media description: Same soil

Aliquot #5: Latitude: _____ N Longitude _____ W

Media description: Same soil

STATION ID: FM0161M SAMPLE ID: FM0161M-CS

SAMPLE COLLECTION TIME: 0955

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: ☒ or No If yes, indicate Duplicate/split sample station ID: FM0161M-CS D @ 0958

GPS Coordinates: Trimble ☒ Instrument #: 020168 Logged? ☒ or ☐

Aliquot #1: Latitude: _____ N Longitude _____ W

Media description: OK brown silty sandy clay dmp

Aliquot #2 Latitude: _____ N Longitude _____ W

Media description: Same soil

Aliquot #3: Latitude: _____ N Longitude _____ W

Media description: Same soil

Aliquot #4: Latitude: _____ N Longitude _____ W

Media description: Same soil

Aliquot #5: Latitude: _____ N Longitude _____ W

Media description: Same soil

ADDRESS: _____ PROPERTY ID: Fm0161

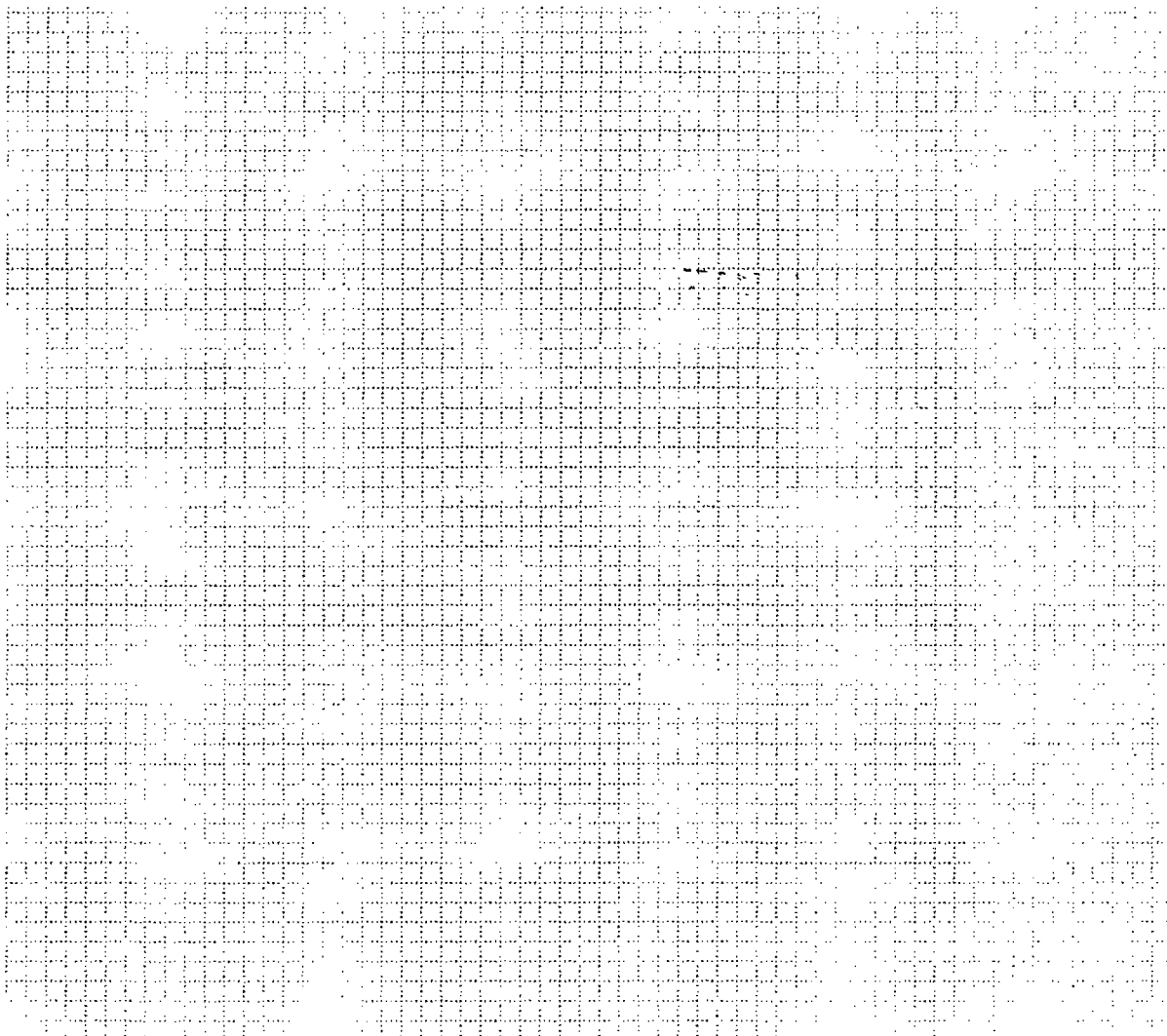
DATE: 02/14/13 ARRIVAL TIME: _____

Other pertinent information (weather conditions, etc.):

47°F Sunny calm 69% hum. diff.

PROPERTY COMMENTS:

Grid for property sketch



STATION ID: PM0161 AI SAMPLE ID: PM0161 AI-GS

SAMPLE COLLECTION TIME: 0952

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: _____

GPS Coordinates: Trimble ☒ Instrument #: <u>020168</u> Logged? ☒ or N	
Aliquot #1: Latitude: _____	N Longitude _____ W
Media description: <u>OK ban slt, clay wet</u>	
Aliquot #2: Latitude: _____	N Longitude _____ W
Media description: _____	
Aliquot #3: Latitude: _____	N Longitude _____ W
Media description: _____	
Aliquot #4: Latitude: _____	N Longitude _____ W
Media description: _____	
Aliquot #5: Latitude: _____	N Longitude _____ W
Media description: _____	

STATION ID: PM0161 AJ SAMPLE ID: PM0161 AJ-GS

SAMPLE COLLECTION TIME: ~~0955~~ ^{KMT} 02/14/13 1004

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: _____

GPS Coordinates: Trimble ☒ Instrument #: <u>020168</u> Logged? ☒ or N	
Aliquot #1: Latitude: _____	N Longitude _____ W
Media description: <u>OK ban slt, clay wet</u>	
Aliquot #2: Latitude: _____	N Longitude _____ W
Media description: _____	
Aliquot #3: Latitude: _____	N Longitude _____ W
Media description: _____	
Aliquot #4: Latitude: _____	N Longitude _____ W
Media description: _____	
Aliquot #5: Latitude: _____	N Longitude _____ W
Media description: _____	

ADDRESS: _____ PROPERTY ID: Pm0161C07

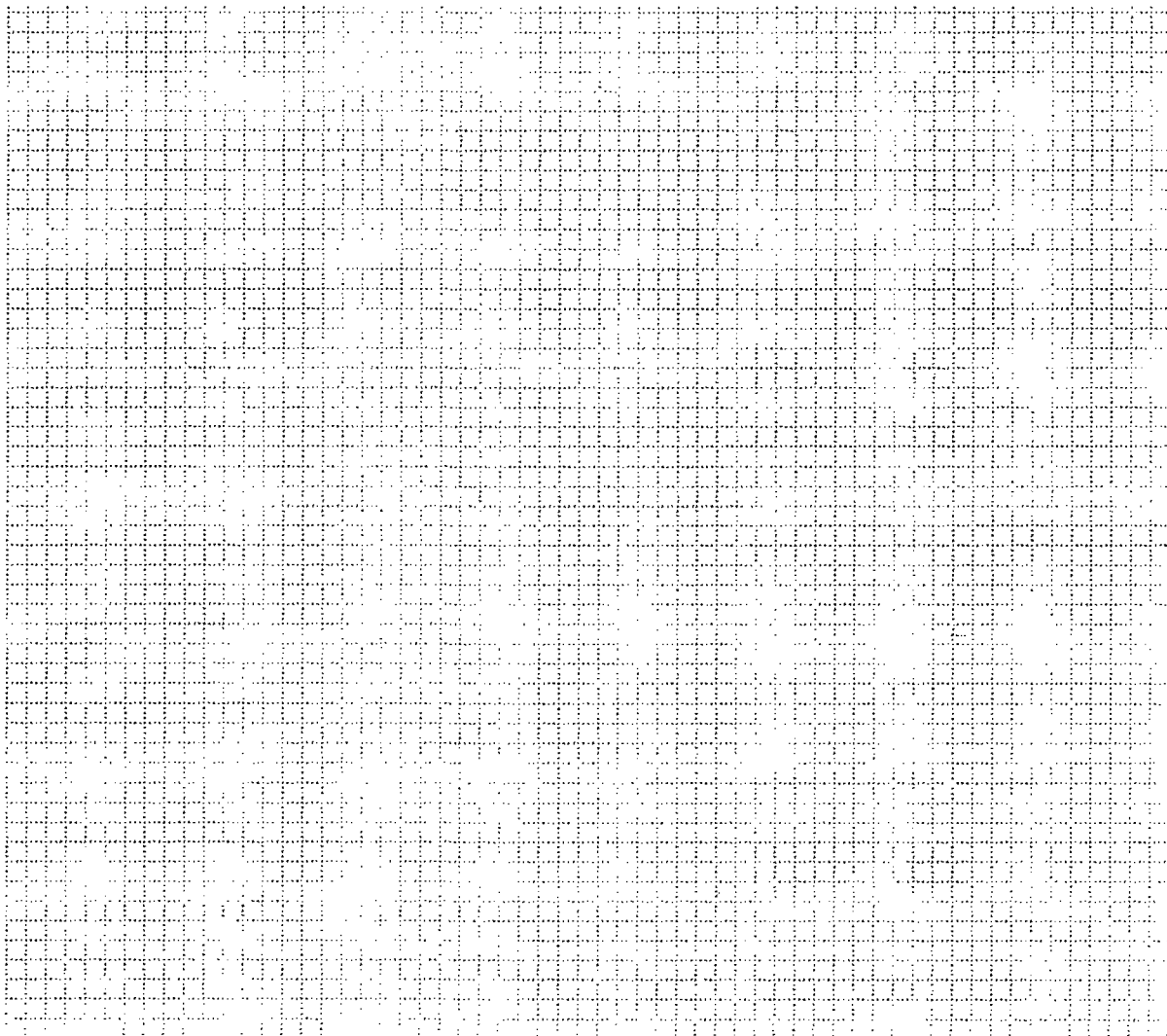
DATE: 02/14/2003 ARRIVAL TIME: _____

Other pertinent information (weather conditions, etc.):

47°F Sunny calm 69% humidity

PROPERTY COMMENTS:

Grid for property sketch



STATION ID: FM 0161 NSAMPLE ID: FM 0161 N - CSSAMPLE COLLECTION TIME: 1005Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):
_____Collection: Composite or GrabMS/MSD? Y or NField Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: _____

GPS Coordinates: Trimble ☒ Instrument #: <u>020168</u> Logged? ☒ or N	
Aliquot #1: Latitude: _____	N Longitude _____ W
Media description: <u>DK brn silty clay damp</u>	
Aliquot #2: Latitude: _____	N Longitude _____ W
Media description: <u>DK brn silty clay damp w/ coal fragments</u>	
Aliquot #3: Latitude: _____	N Longitude _____ W
Media description: <u>Same sil as #1</u>	
Aliquot #4: Latitude: _____	N Longitude _____ W
Media description: <u>Same sil as #1</u>	
Aliquot #5: Latitude: _____	N Longitude _____ W
Media description: <u>Same sil as #1</u>	

STATION ID: FM 0161 OSAMPLE ID: FM 0161 O - CSSAMPLE COLLECTION TIME: 1024Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):
_____Collection: Composite or GrabMS/MSD? Y or NField Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: _____

GPS Coordinates: Trimble ☒ Instrument #: <u>020168</u> Logged? ☒ or N	
Aliquot #1: Latitude: _____	N Longitude _____ W
Media description: <u>brn silty sandy clay damp</u>	
Aliquot #2: Latitude: _____	N Longitude _____ W
Media description: <u>Same as previous</u>	
Aliquot #3: Latitude: _____	N Longitude _____ W
Media description: <u>Same as previous</u>	
Aliquot #4: Latitude: _____	N Longitude _____ W
Media description: <u>Same as previous</u>	
Aliquot #5: Latitude: _____	N Longitude _____ W
Media description: <u>Same as previous</u>	

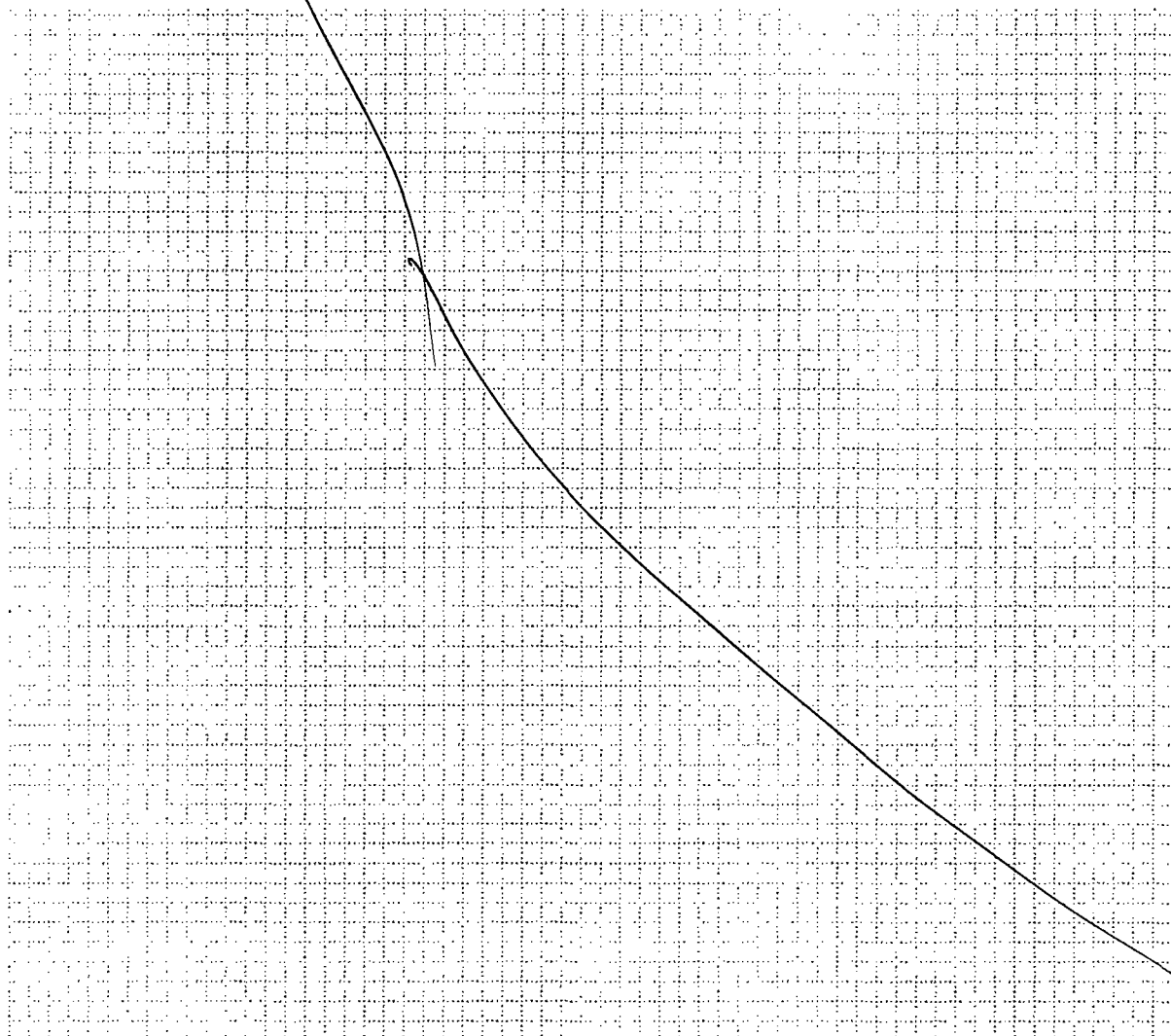
ADDRESS: _____ PROPERTY ID: _____

DATE: _____ ARRIVAL TIME: _____

Other pertinent information (weather conditions, etc.):

PROPERTY COMMENTS:

Grid for property sketch



The remaining pages in this logbook are
blank and have not been scanned.