

L B O O O 65

**REDACTED**

United States Environmental Protection Agency  
Region 4



35<sup>TH</sup> AVENUE REMOVAL INVESTIGATION  
BIRMINGHAM, ALABAMA  
JEFF CROWLEY, ON-SCENE COORDINATOR

**FIELD SAMPLING LOGBOOK**

Book 1 of 1

Inclusive Dates: 3/25/13 - 3/28/13

List of Sampling Team in logbook:

Name	Initials	Organization/Duties
(b)	(6)	<u>OTIE</u> , Team Leader
		<u>OTIE</u>
		<u>OTIE</u>

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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 34<sup>th</sup> 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: CV0022

DATE: 03/26/13 ARRIVAL TIME: 0845

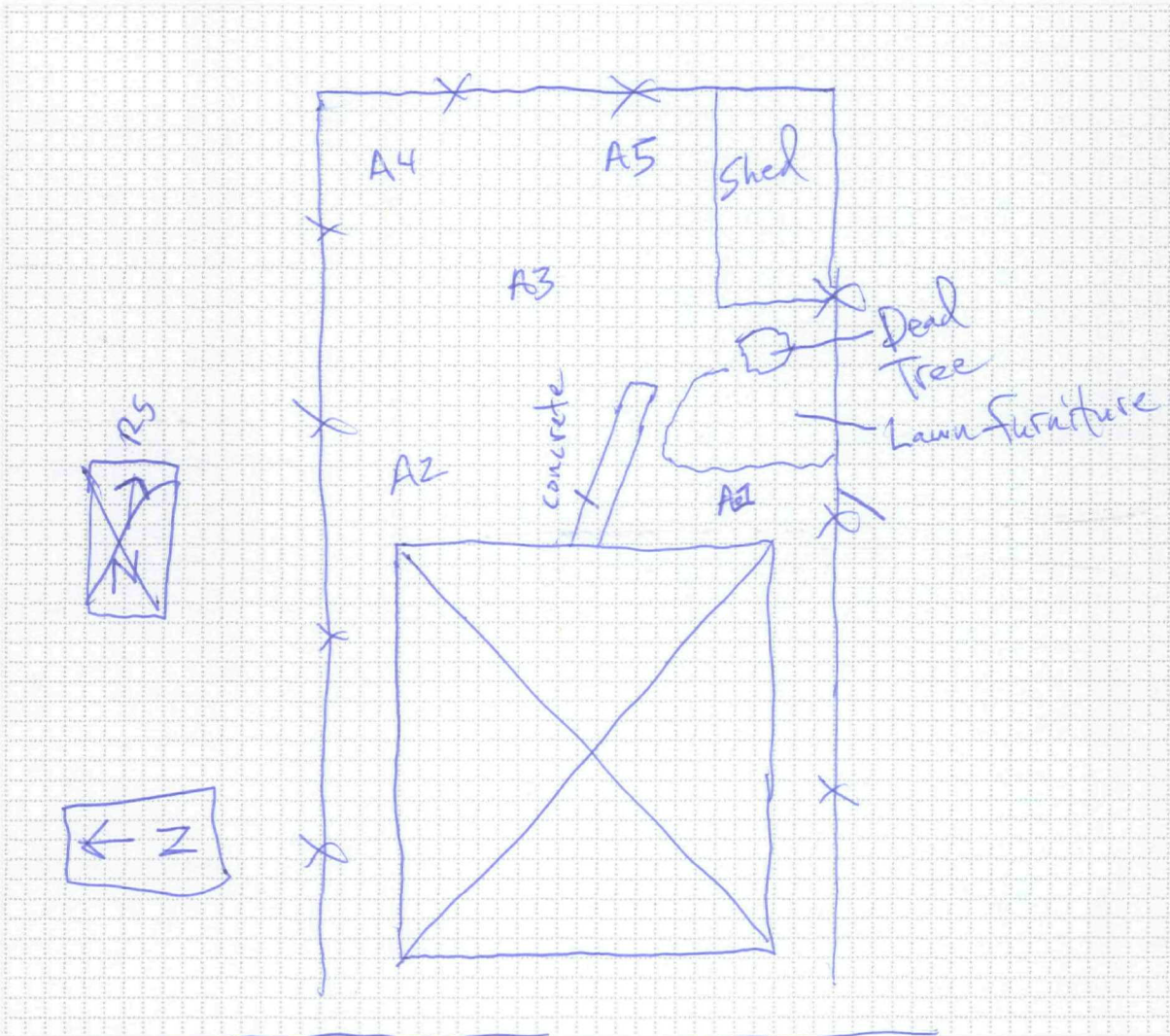
Other pertinent information (weather conditions, etc.):

~ 37°F, partly cloudy + windy

PROPERTY COMMENTS:

Very small front yard and too close to drip line  
So no sample collected in front yard. One  
5-point composite collected in back yard  
with a duplicate.

Grid for property sketch



(b) (6)

STATION ID: CV0022A SAMPLE ID: CV0022A-CSI

SAMPLE COLLECTION TIME: 0900

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

Back yard

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: CV0022A

GPS Coordinates:	Trimble <input checked="" type="checkbox"/>	Instrument #: <u>018594</u>	Logged? <input checked="" type="checkbox"/>	or N
Aliquot #1:	Latitude: <u>33.55749825</u>	N Longitude: <u>86.80645277</u>		W
	Media description: <u>dark brown silty clay damp</u>			
Aliquot #2:	Latitude: <u>33.55756140</u>	N Longitude: <u>86.80643097</u>		W
	Media description: <u>Same as #1</u>			
Aliquot #3:	Latitude: <u>33.55752328</u>	N Longitude: <u>86.80637015</u>		W
	Media description: <u>Same as #1</u>			
Aliquot #4:	Latitude: <u>33.55754030</u>	N Longitude: <u>86.80632639</u>		W
	Media description: <u>Same as #1 with coal fragments</u>			
Aliquot #5:	Latitude: <u>33.55749594</u>	N Longitude: <u>86.80638940</u>		W
	Media description: <u>Same as #4</u>			

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: **(b) (6)** PROPERTY ID: CV1039

DATE: 3-27-13 ARRIVAL TIME: 1215

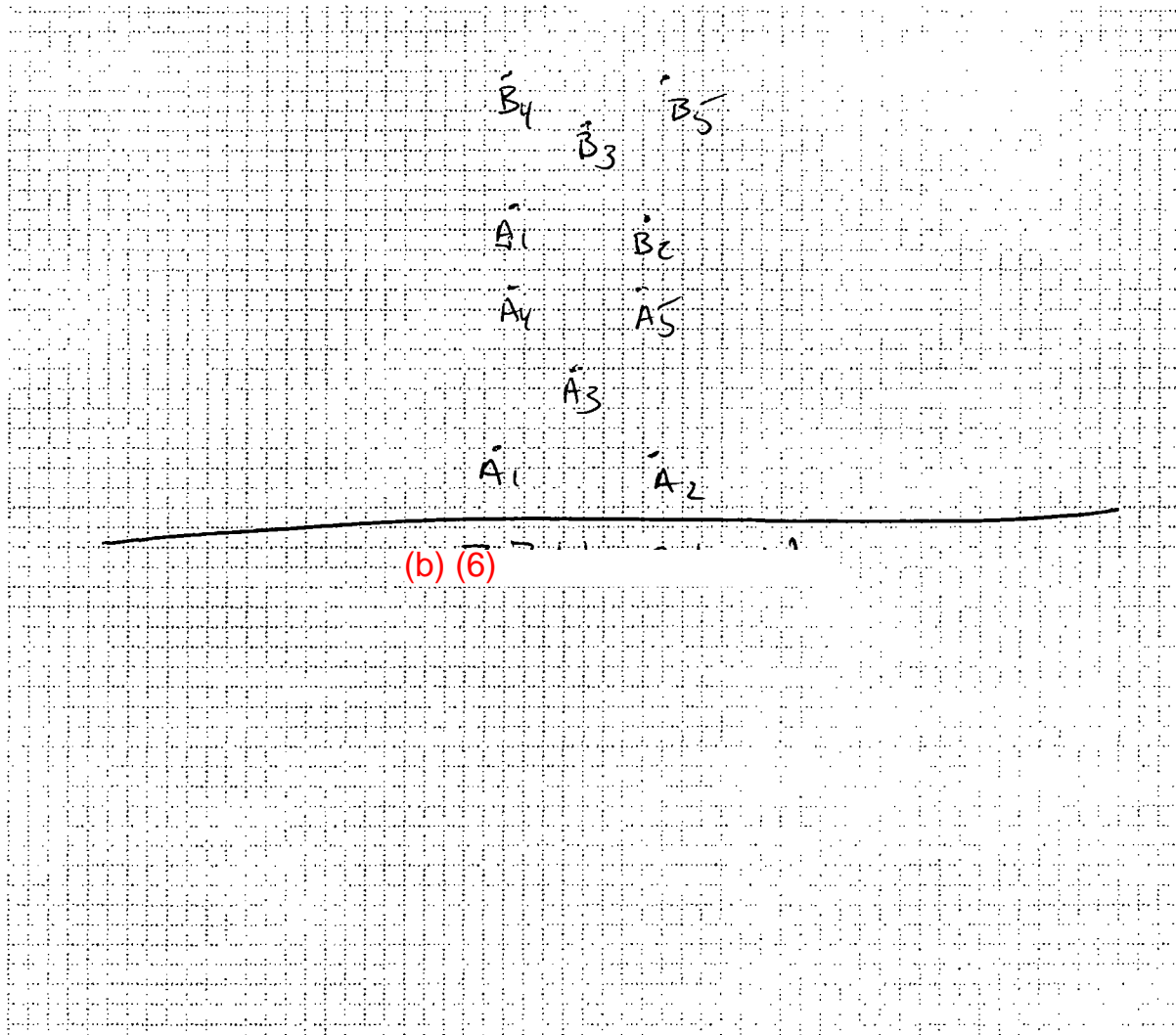
Other pertinent information (weather conditions, etc.):

~~Empty city~~ 55° Cool

PROPERTY COMMENTS:

Empty city Parcel

Grid for property sketch





STATION ID: CV1039 SAMPLE ID: CV1039A-CS

SAMPLE COLLECTION TIME: 1240

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

Empty City Parcel

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: CV1039A-CS-D

GPS Coordinates: Trimble [ <input checked="" type="checkbox"/> ] Instrument #: <u>020168</u> Logged? Y or N
Aliquot #1: Latitude: <u>33, 55058253</u> N Longitude <u>86, 80434685</u> W Media description: <u>Dark Brown sandy Clay w/coal &amp; gravel fragment</u>
Aliquot #2: Latitude: <u>33, 55057294</u> N Longitude <u>86, 80424180</u> W Media description: <u>SAME A1</u>
Aliquot #3: Latitude: <u>33, 55064129</u> N Longitude <u>86, 80427927</u> W Media description: <u>SAME A1</u>
Aliquot #4: Latitude: <u>33, 55068480</u> N Longitude <u>86, 80434035</u> W Media description: <u>SAME A1</u>
Aliquot #5: Latitude: <u>33, 55068441</u> N Longitude <u>86, 80424016</u> W Media description: <u>SAME A1</u>

STATION ID: CV1039 SAMPLE ID: CV1039B-CS

SAMPLE COLLECTION TIME: 1250

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

Empty City Parcel

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 [ <input checked="" type="checkbox"/> ] Instrument #: <u>020168</u> Logged? Y or N
Aliquot #1: Latitude: <u>33, 55072998</u> N Longitude <u>86, 80433770</u> W Media description: <u>Dark Brown sandy Clay w/coal &amp; gravel frag</u>
Aliquot #2: Latitude: <u>33, 55072407</u> N Longitude <u>86, 80423462</u> W Media description: <u>SAME B1</u>
Aliquot #3: Latitude: <u>33, 55077657</u> N Longitude <u>86, 80427382</u> W Media description: <u>SAME B1</u>
Aliquot #4: Latitude: <u>33, 55082259</u> N Longitude <u>86, 80432690</u> W Media description: <u>Black silty clay w/ coal fragment</u>
Aliquot #5: Latitude: <u>33, 55082157</u> N Longitude <u>86, 80423111</u> W Media description: <u>SAME B4</u>

ADDRESS: (b) (6)

PROPERTY ID: CV-1366

DATE: 3/27/13

ARRIVAL TIME: 1215

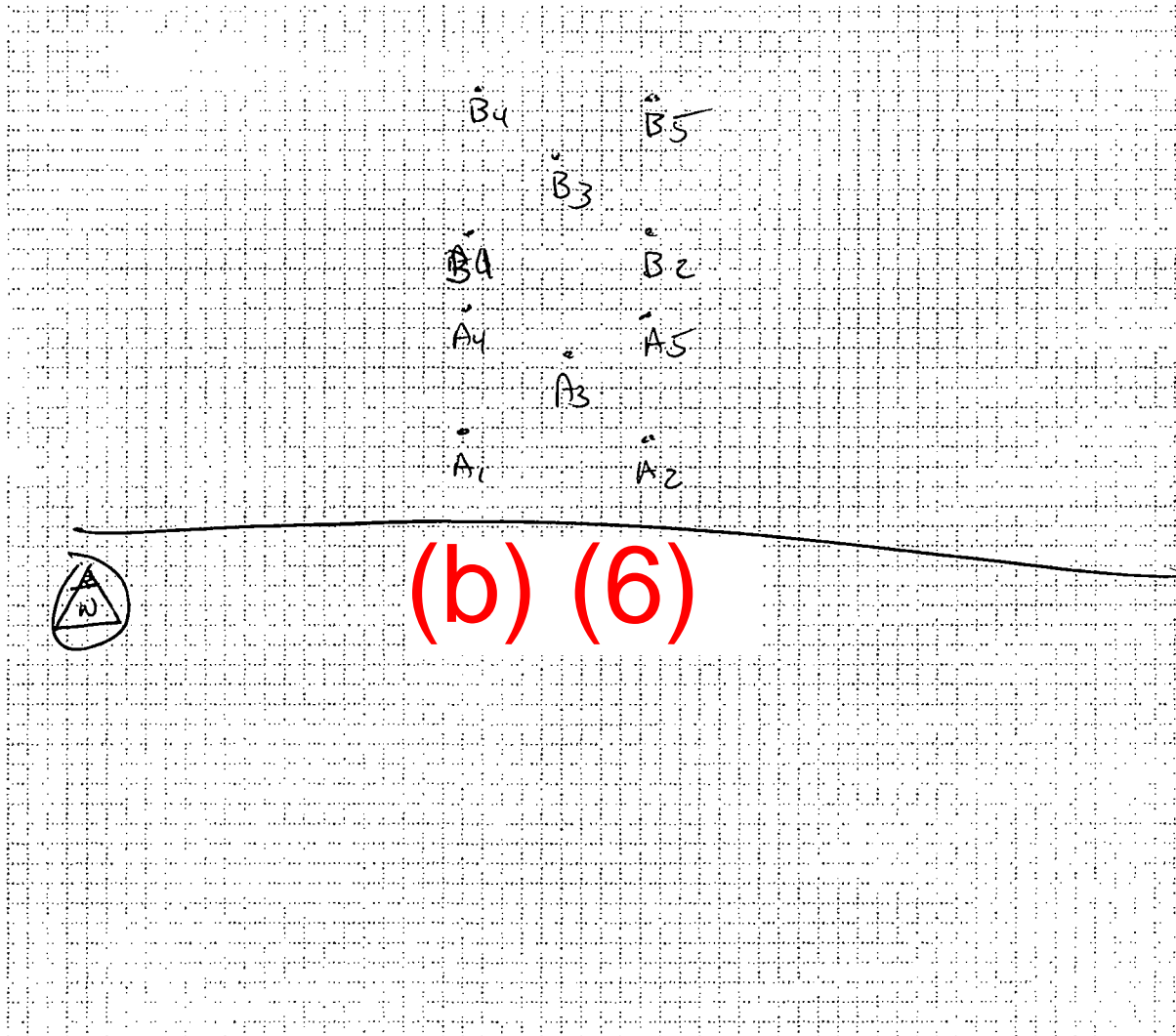
Other pertinent information (weather conditions, etc.):

55° cool

PROPERTY COMMENTS:

Empty City Parcel

Grid for property sketch



STATION ID: CV 1366 SAMPLE ID: CV 13 66A-CS

SAMPLE COLLECTION TIME: 1310

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

empty city Parcel

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 [ <input checked="" type="checkbox"/> ] Instrument #: <u>020168</u> Logged? Y or N
Aliquot #1: Latitude: <u>33.55054509</u> N Longitude <u>86.80418852</u> W Media description: <u>medium Brown &amp; gray Clay</u>
Aliquot #2: Latitude: <u>33.55054886</u> N Longitude <u>86.80412484</u> W Media description: <u>SAME A1</u>
Aliquot #3: Latitude: <u>33.55061245</u> N Longitude <u>86.80414895</u> W Media description: <u>Dark Brown Silty Clay</u>
Aliquot #4: Latitude: <u>33.55067189</u> N Longitude <u>86.80417449</u> W Media description: <u>SAME A3</u>
Aliquot #5: Latitude: <u>33.55066992</u> N Longitude <u>86.80409320</u> W Media description: <u>SAME A4</u>

STATION ID: CV 1366 SAMPLE ID: CV 1366B-CS

SAMPLE COLLECTION TIME: 1320

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

empty city Parcel

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 [ <input checked="" type="checkbox"/> ] Instrument #: <u>020168</u> Logged? Y or N
Aliquot #1: Latitude: <u>33.55072414</u> N Longitude <u>86.80417104</u> W Media description: <u>medium <del>samples</del> Brown samples clay</u>
Aliquot #2: Latitude: <u>33.55071597</u> N Longitude <u>86.80408131</u> W Media description: <u>Medium Brown silty clay with coal</u>
Aliquot #3: Latitude: <u>33.55078029</u> N Longitude <u>86.80412694</u> W Media description: <u>same B2</u>
Aliquot #4: Latitude: <u>33.55083065</u> N Longitude <u>86.80416148</u> W Media description: <u>SAME B2</u>
Aliquot #5: Latitude: <u>33.55083621</u> N Longitude <u>86.80408907</u> W Media description: <u>SAME B2</u>

(b) (6)

ADDRESS: \_\_\_\_\_

PROPERTY ID: CV-1043

DATE: 3/27/13

ARRIVAL TIME: 1400

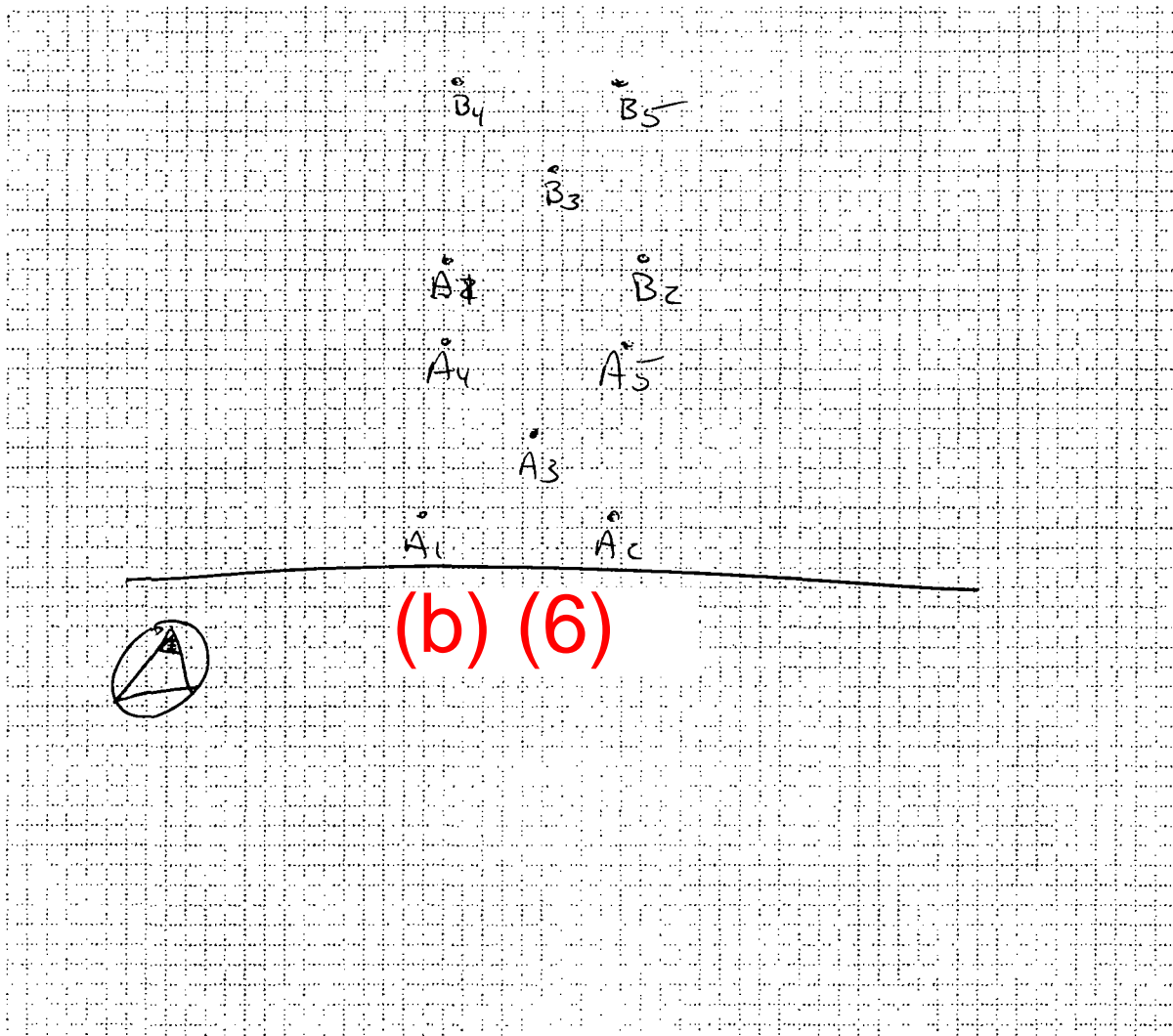
Other pertinent information (weather conditions, etc.):

55° cool

PROPERTY COMMENTS:

empty City Parcel

Grid for property sketch



STATION ID: CV1043 SAMPLE ID: CV1043A-CS

SAMPLE COLLECTION TIME: 14~~18~~ 1415

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

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

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

GPS Coordinates: Trimble <input checked="" type="checkbox"/> Instrument #: <u>020168</u> Logged? Y or N			
Aliquot #1: Latitude: <u>33.55054425</u>	N Longitude: <u>86.80388037</u>	W	
Media description: <u>Dark Brown sandy silt w/ coal &amp; moist / slag</u>			
Aliquot #2: Latitude: <u>33.55054695</u>	N Longitude: <u>86.80374944</u>	W	
Media description: <u>Same A1</u>			
Aliquot #3: Latitude: <u>33.55059476</u>	N Longitude: <u>86.550378671</u>	W	
Media description: <u>Same A1</u>			
Aliquot #4: Latitude: <u>33.55065959</u>	N Longitude: <u>86.80384841</u>	W	
Media description: <u>Same A1</u>			
Aliquot #5: Latitude: <u>33.55066059</u>	N Longitude: <u>86.80373721</u>	W	
Media description: <u>Same A1</u>			

STATION ID: CV1043 SAMPLE ID: CV1043B-CS

SAMPLE COLLECTION TIME: 1425

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

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 <input checked="" type="checkbox"/> Instrument #: <u>020168</u> Logged? Y or N			
Aliquot #1: Latitude: <u>33.55074446</u>	N Longitude: <u>86.80384780</u>	W	
Media description: <u>Redish Brown silty clay</u>			
Aliquot #2: Latitude: <u>33.55071679</u>	N Longitude: <u>86.80374130</u>	W	
Media description: <u>Dark Brown silt gravel slag &amp; coal</u>			
Aliquot #3: Latitude: <u>33.55078166</u>	N Longitude: <u>86.80378730</u>	W	
Media description: <u>Same B2</u>			
Aliquot #4: Latitude: <u>33.55081339</u>	N Longitude: <u>86.80372778</u>	W	
Media description: <u>Same B2</u>			
Aliquot #5: Latitude: <u>33.55082513</u>	N Longitude: <u>86.80384094</u>	W	
Media description: <u>Same B2</u>			

(b) (6)

ADDRESS: \_\_\_\_\_ PROPERTY ID: CV1047

DATE: 3/27/13 ARRIVAL TIME: 1400

Other pertinent information (weather conditions, etc.):

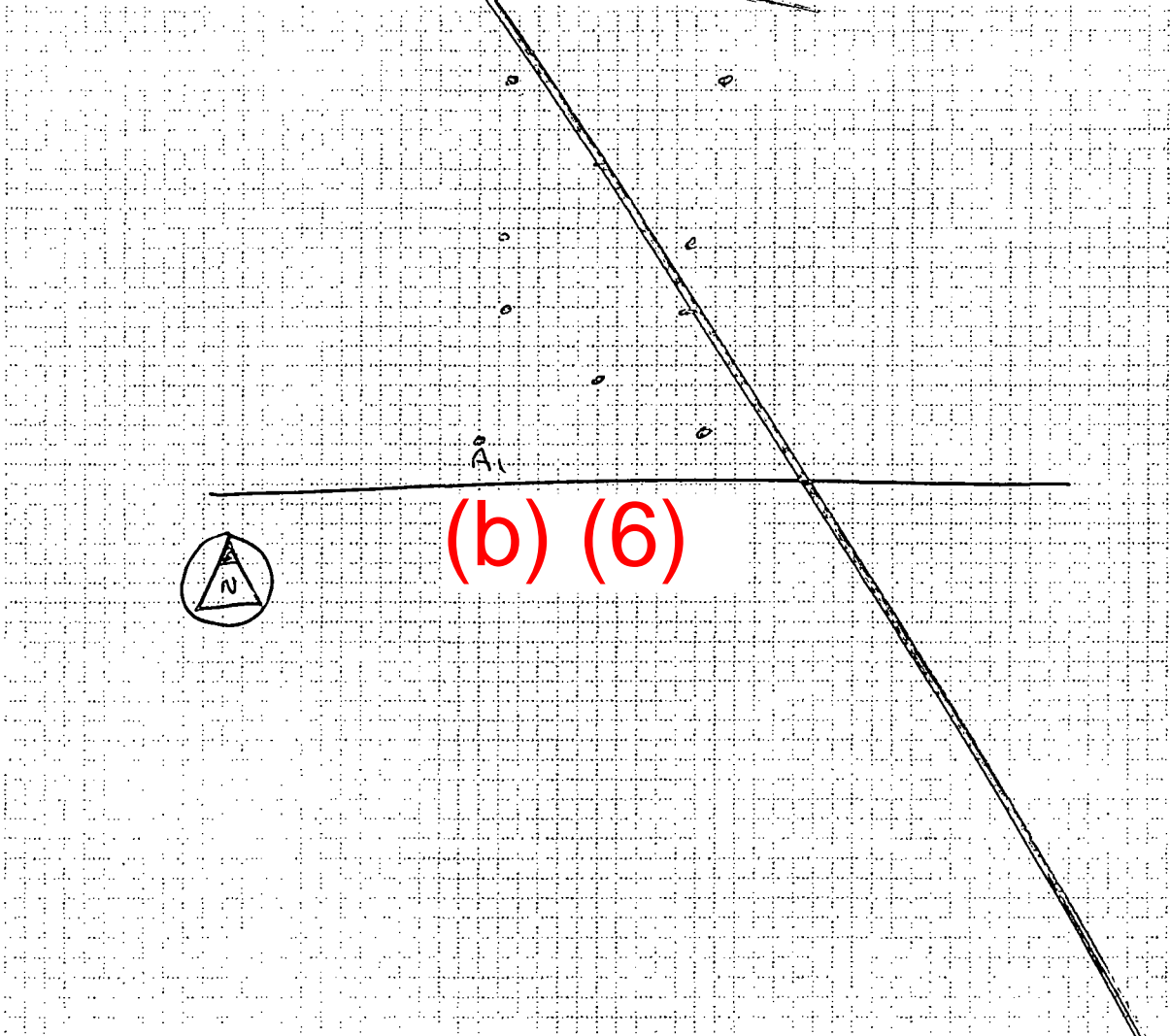
53° Cool

PROPERTY COMMENTS:

empty city Parcel

*Handwritten scribble*

Grid for property sketch



(b) (6)

STATION ID: CV1097 SAMPLE ID: CV1047

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: _____	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: _____		

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: _____		

(b) (6)

ADDRESS:

PROPERTY ID:

CV1128

DATE:

3/28/13

ARRIVAL TIME:

0830

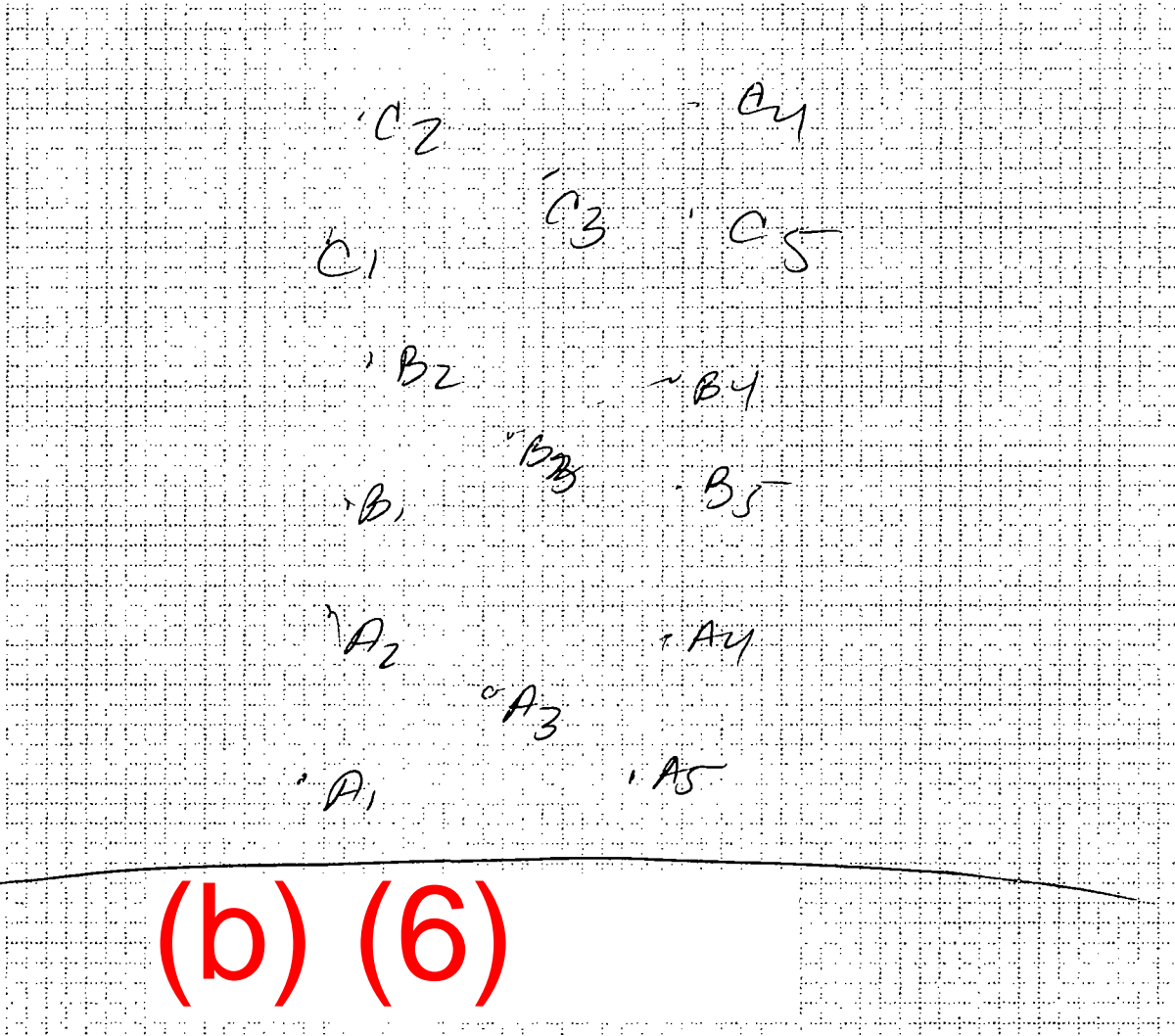
Other pertinent information (weather conditions, etc.):

44°F, Sunny

PROPERTY COMMENTS:

City vacant lot

Grid for property sketch



(b) (6)



STATION ID: CV1129A SAMPLE ID: CV1129A-CS

SAMPLE COLLECTION TIME: 0845

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 [ <input checked="" type="checkbox"/> ] Instrument #: <u>018594</u>	Logged? [ <input checked="" type="checkbox"/> ] or N
Aliquot #1:	Latitude: <u>33.55119326</u> N Longitude: <u>86.80423200</u> W	Media description: <u>Brown silt w/ gravel</u>
Aliquot #2:	Latitude: <u>33.5511401</u> N Longitude: <u>86.80425209</u> W	Media description: <u>SAME as A1</u>
Aliquot #3:	Latitude: <u>33.55116795</u> N Longitude: <u>86.80441125</u> W	Media description: <u>SAME as A1</u>
Aliquot #4:	Latitude: <u>33.55114938</u> N Longitude: <u>86.80455242</u> W	Media description: <u>SAME as A1</u>
Aliquot #5:	Latitude: <u>33.55119559</u> N Longitude: <u>86.80455386</u> W	Media description: <u>SAME as A1</u>

STATION ID: CV1129B SAMPLE ID: CV1129B-CS

SAMPLE COLLECTION TIME: 0850

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 [ <input checked="" type="checkbox"/> ] Instrument #: <u>018594</u>	Logged? [ <input checked="" type="checkbox"/> ] or N
Aliquot #1:	Latitude: <u>33.55107686</u> N Longitude: <u>86.80425593</u> W	Media description: <u>Brown silt w/ gravel</u>
Aliquot #2:	Latitude: <u>33.55102230</u> N Longitude: <u>86.80426600</u> W	Media description: <u>SAME as A1</u>
Aliquot #3:	Latitude: <u>33.55109924</u> N Longitude: <u>86.80441376</u> W	Media description: <u>SAME as A1</u>
Aliquot #4:	Latitude: <u>33.55108287</u> N Longitude: <u>86.80454896</u> W	Media description: <u>SAME as A1</u>
Aliquot #5:	Latitude: <u>33.55112858</u> N Longitude: <u>86.80455393</u> W	Media description: <u>SAME as A1</u>

ADDRESS: \_\_\_\_\_ PROPERTY ID: \_\_\_\_\_

DATE: \_\_\_\_\_ ARRIVAL TIME: \_\_\_\_\_

Other pertinent information (weather conditions, etc.):  
\_\_\_\_\_  
\_\_\_\_\_

PROPERTY COMMENTS:  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Grid for property sketch

Refer to page 16

Buttman Ave

3/28/13

STATION ID: CV1120C SAMPLE ID: CV1120C-CS

SAMPLE COLLECTION TIME: 0859

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 #: 018594 Logged?  or N

Aliquot #1: Latitude: 33.55100084 N Longitude 86.80426956 W  
Media description: Brun silty clay w/ gravel

Aliquot #2: Latitude: 33.55093275 N Longitude 86.80426516 W  
Media description: Same A1

Aliquot #3: Latitude: 33.55097434 N Longitude 86.80443025 W  
Media description: Same A1

Aliquot #4: Latitude: 33.55093299 N Longitude 86.80455130 W  
Media description: Brun silty clay w/ gravel + orange clay

Aliquot #5: Latitude: 33.55102253 N Longitude 86.80454828 W  
Media description: Same A1

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: \_\_\_\_\_ GPB 3/28/13

Aliquot #3: Latitude: \_\_\_\_\_ N Longitude \_\_\_\_\_ W  
Media description: \_\_\_\_\_

Aliquot #4: Latitude: \_\_\_\_\_ N Longitude \_\_\_\_\_ W  
Media description: \_\_\_\_\_

Aliquot #5: Latitude: \_\_\_\_\_ N Longitude \_\_\_\_\_ W  
Media description: \_\_\_\_\_

(b) (6)

ADDRESS: CV PROPERTY ID: CV1123

DATE: 3/28/13 ARRIVAL TIME: 0830

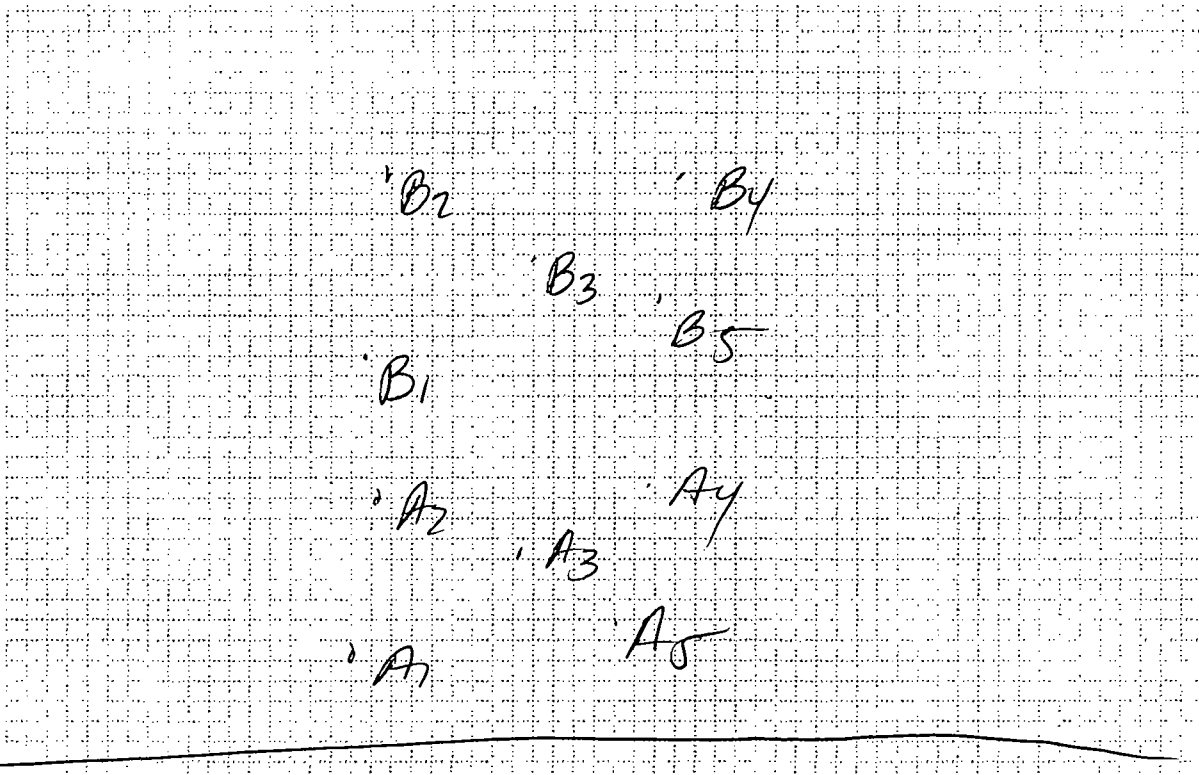
Other pertinent information (weather conditions, etc.):

44°F, sunny

PROPERTY COMMENTS:

City Vacant Lot

Grid for property sketch



(b) (6)

STATION ID: CV1123A SAMPLE ID: CV1123A-CS

SAMPLE COLLECTION TIME: 0905

Description of sample location (C, 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 [ <input checked="" type="checkbox"/> ] Instrument #: <u>018594</u> Logged? <input checked="" type="checkbox"/> or N
Aliquot #1: Latitude: <u>33.55119381</u> N Longitude: <u>86.80405880</u> W Media description: <u>brown silty/sandy clay</u>
Aliquot #2: Latitude: <u>33.5511488</u> N Longitude: <u>86.80404844</u> W Media description: <u>same as #1</u>
Aliquot #3: Latitude: <u>33.55115241</u> N Longitude: <u>86.80410681</u> W Media description: <u>same as #1</u>
Aliquot #4: Latitude: <u>33.55109973</u> N Longitude: <u>86.80420265</u> W Media description: <u>tan sandy silt w/ gravel</u>
Aliquot #5: Latitude: <u>33.55119626</u> N Longitude: <u>86.80419537</u> W Media description: <u>same as #1</u>

} camp

STATION ID: CV1123B SAMPLE ID: CV1123B-CS

SAMPLE COLLECTION TIME: 0925

Description of sample location (C, 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 [ <input checked="" type="checkbox"/> ] Instrument #: <u>018594</u> Logged? <input checked="" type="checkbox"/> or N
Aliquot #1: Latitude: <u>33.55105477</u> N Longitude: <u>86.80404419</u> W Media description: <u>brown sandy silt/clay w/ gravel</u>
Aliquot #2: Latitude: <u>33.55094191</u> N Longitude: <u>86.80406652</u> W Media description: <u>tan sandy silt w/ gravel</u>
Aliquot #3: Latitude: <u>33.55101445</u> N Longitude: <u>86.80411634</u> W Media description: <u>same as #1</u>
Aliquot #4: Latitude: <u>33.55094651</u> N Longitude: <u>86.80420644</u> W Media description: <u>same as #1</u>
Aliquot #5: Latitude: <u>33.55106562</u> N Longitude: <u>86.80420746</u> W Media description: <u>same as #1</u>

ADDRESS: **(b) (6)** PROPERTY ID: CW1125

DATE: 3/28/13 ARRIVAL TIME: 0830

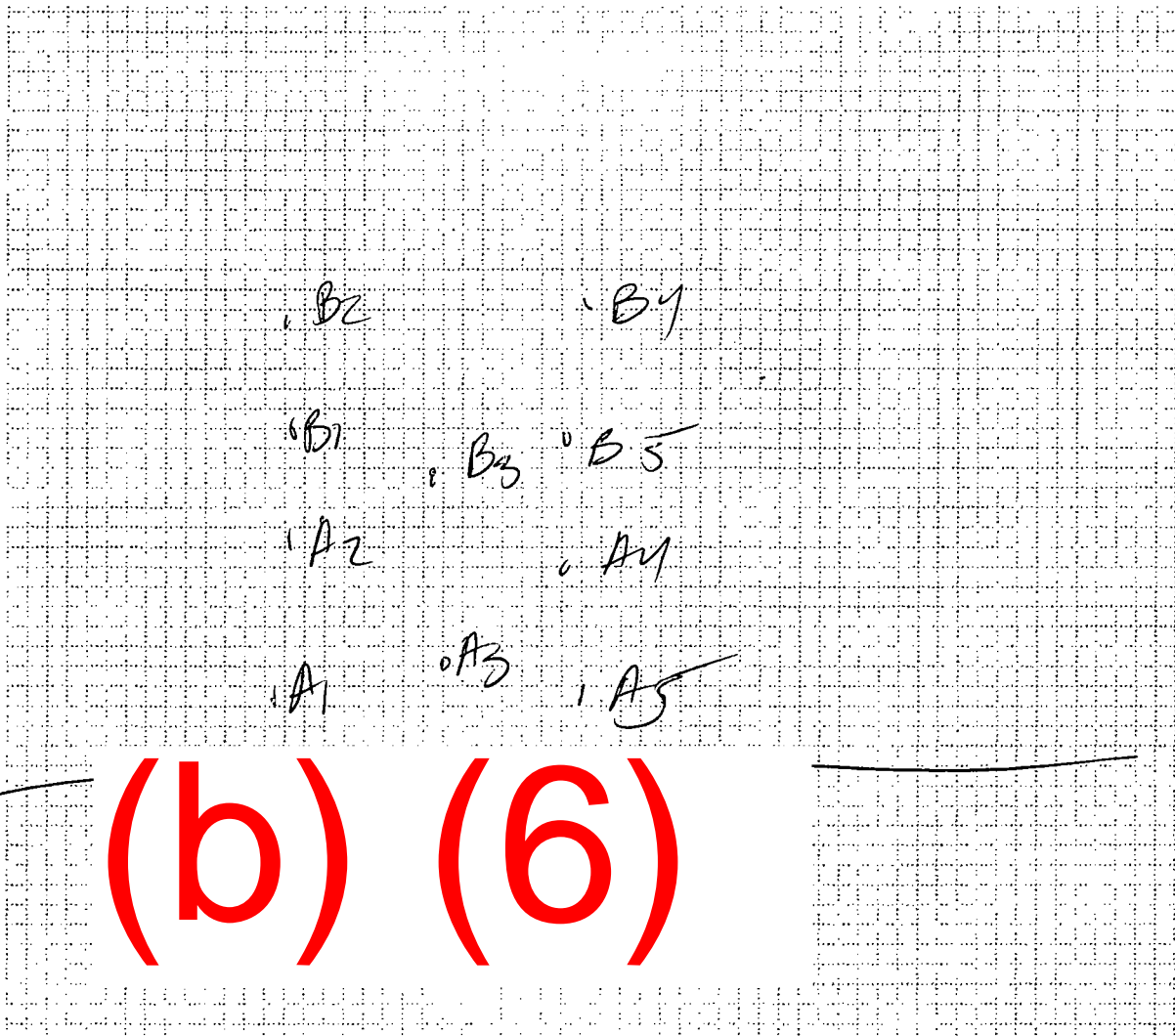
Other pertinent information (weather conditions, etc.):

44°F, sunny

PROPERTY COMMENTS:

City vacant lot

Grid for property sketch



**(b) (6)**

STATION ID: CV112SA SAMPLE ID: CV112SA-CS

SAMPLE COLLECTION TIME: 1006

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 [ <input checked="" type="checkbox"/> ] Instrument #: <u>018594</u> Logged? <input checked="" type="checkbox"/> or N
Aliquot #1: Latitude: <u>33.55118741</u> N Longitude: <u>86.80389492</u> W Media description: <u>reddish brown sandy clay w/ gravel</u>
Aliquot #2: Latitude: <u>33.55108477</u> N Longitude: <u>86.80389678</u> W Media description: <u>DK brown silty clay</u>
Aliquot #3: Latitude: <u>33.55112145</u> N Longitude: <u>86.80398813</u> W Media description: <u>same as #2</u>
Aliquot #4: Latitude: <u>33.55107534</u> N Longitude: <u>86.80404851</u> W Media description: <u>same as #2</u>
Aliquot #5: Latitude: <u>33.55118574</u> N Longitude: <u>86.80401995</u> W Media description: <u>same as #1</u>

STATION ID: CV112SB SAMPLE ID: CV112SB-CS

SAMPLE COLLECTION TIME: 1015

Description of sample location (back, front, 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 [ <input checked="" type="checkbox"/> ] Instrument #: <u>018594</u> Logged? <input checked="" type="checkbox"/> or N
Aliquot #1: Latitude: <u>33.55106342</u> N Longitude: <u>86.80389790</u> W Media description: <u>Brown silty clay</u>
Aliquot #2: Latitude: <u>33.55093643</u> N Longitude: <u>86.80389354</u> W Media description: <u>light brown sandy clay w/ gravel</u>
Aliquot #3: Latitude: <u>33.55100117</u> N Longitude: <u>86.80398564</u> W Media description: <u>same as #1</u>
Aliquot #4: Latitude: <u>33.55093469</u> N Longitude: <u>86.80403187</u> W Media description: <u>same as #1</u>
Aliquot #5: Latitude: <u>33.55105475</u> N Longitude: <u>86.80404658</u> W Media description: <u>same as #2</u>

(b) (6)

ADDRESS: \_\_\_\_\_, PROPERTY ID: CV1127

DATE: 3/28/13 ARRIVAL TIME: 0830

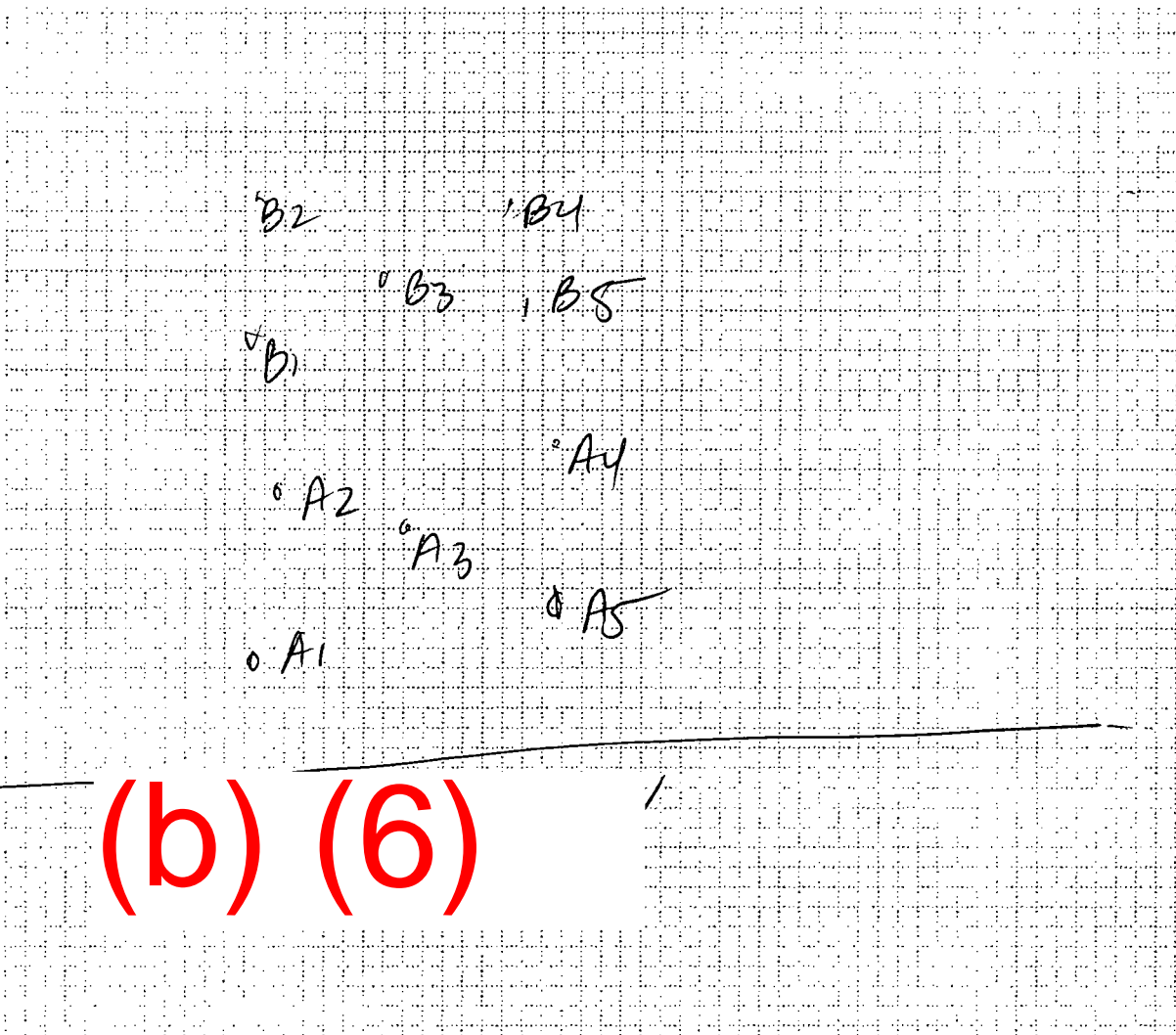
Other pertinent information (weather conditions, etc.):

44°F, Sunny

PROPERTY COMMENTS:

City vacant lot

Grid for property sketch



(b) (6)



STATION ID: CV1127A SAMPLE ID: CV1127A-CS

SAMPLE COLLECTION TIME: 1030

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: CV1127A@

GPS Coordinates: Trimble [] Instrument #: 018594 Logged? Y or N

Aliquot #1: Latitude: 33.55116332 N Longitude: 86.80378453 W

Media description: DK brun Sandy clay

Aliquot #2 Latitude: 33.55107071 N Longitude: 86.80378190 W

Media description: reddish brun silty clay w/ gravel

Aliquot #3: Latitude: 33.55112396 N Longitude: 86.80382050 W

Media description: same same as #2

Aliquot #4: Latitude: 33.55107589 N Longitude: 86.80387665 W

Media description: same as #1

Aliquot #5: Latitude: 33.55118418 N Longitude: 86.80387274 W

Media description: same as #1

1032

STATION ID: CV1127B SAMPLE ID: CV1127B-CS

SAMPLE COLLECTION TIME: 1038

Description of sample location (back, front, 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 #: 018594 Logged? Y or N

Aliquot #1: Latitude: 33.55103981 N Longitude: 86.80374261 W

Media description: DK brun silty clay w/ tan clay

Aliquot #2 Latitude: 33.55091737 N Longitude: 86.80377031 W

Media description: same as #1

Aliquot #3: Latitude: 33.55096885 N Longitude: 86.80383815 W

Media description: same as #1

Aliquot #4: Latitude: 33.55092287 N Longitude: 86.80389790 W

Media description: same as #1

Aliquot #5: Latitude: 33.55100840 N Longitude: 86.80388730 W

Media description: same as #1

(b) (6)

ADDRESS:

PROPERTY ID:

CV1131

DATE:

3/28/13

ARRIVAL TIME:

0830

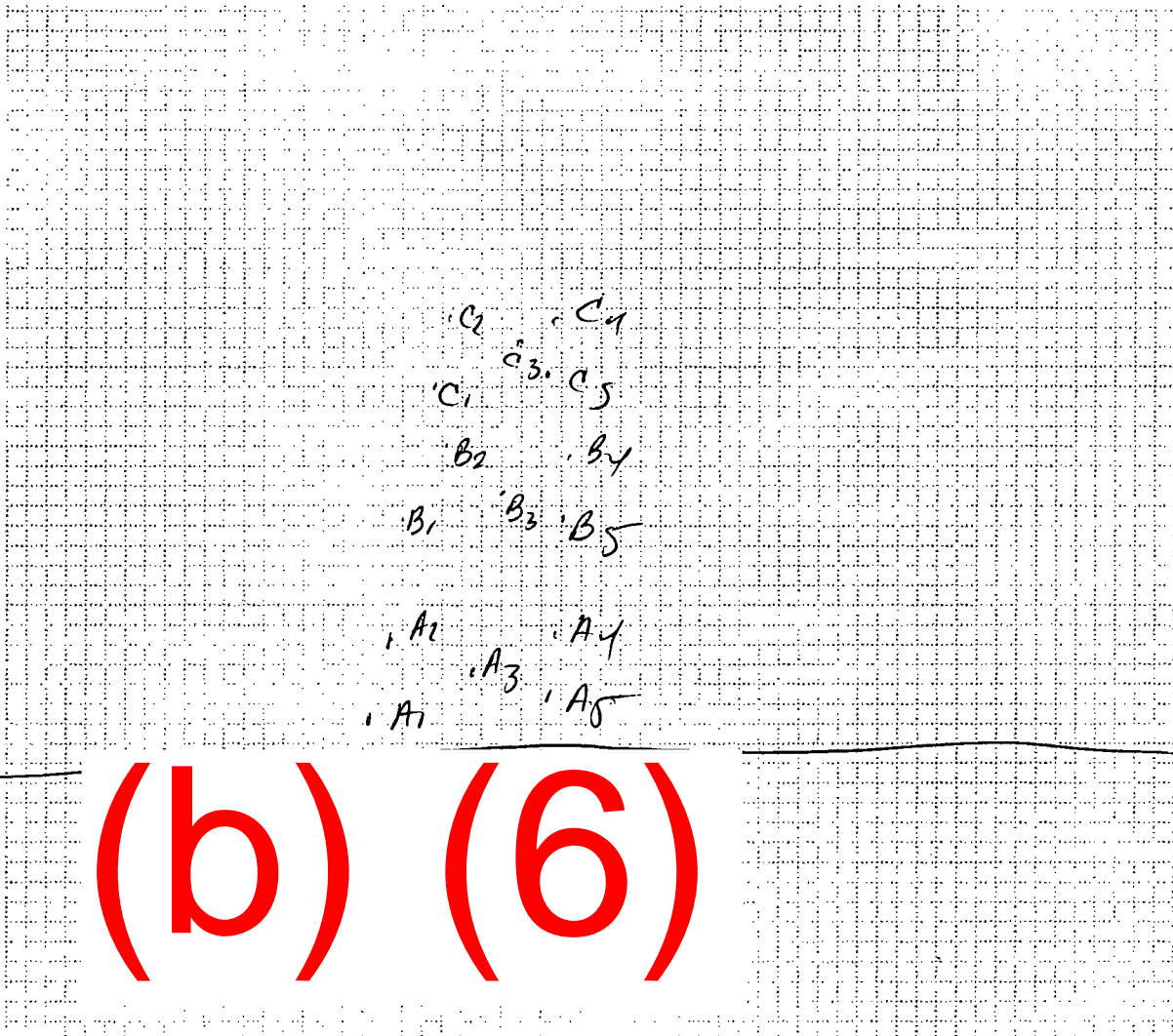
Other pertinent information (weather conditions, etc.):

44°F, Sunny

PROPERTY COMMENTS:

Vacant lot - City

Grid for property sketch



(b) (6)

STATION ID: CV1131A SAMPLE ID: CV1131A-05

SAMPLE COLLECTION TIME: 1100

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 [ <input checked="" type="checkbox"/> ]	Instrument #: <u>018594</u>	Logged? <input checked="" type="checkbox"/> or N
Aliquot #1:	Latitude: <u>33.55116201</u>	N Longitude: <u>86.80325563</u>	W
	Media description:	<u>Brun silty clay w/ gravel</u>	
Aliquot #2:	Latitude: <u>33.55109419</u>	N Longitude: <u>86.80326217</u>	W
	Media description:	<u>same as #1</u>	
Aliquot #3:	Latitude: <u>33.55112597</u>	N Longitude: <u>86.80340448</u>	W
	Media description:	<u>same as #1</u>	
Aliquot #4:	Latitude: <u>33.55108687</u>	N Longitude: <u>86.80351466</u>	W
	Media description:	<u>same as #1</u>	
Aliquot #5:	Latitude: <u>33.55117340</u>	N Longitude: <u>86.80352403</u>	W
	Media description:	<u>same as #1</u>	

STATION ID: CV1131B SAMPLE ID: CV1131B-05

SAMPLE COLLECTION TIME: 1107

Description of sample location (back, front, 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 [ <input checked="" type="checkbox"/> ]	Instrument #: <u>018594</u>	Logged? <input checked="" type="checkbox"/> or N
Aliquot #1:	Latitude: <u>33.55107515</u>	N Longitude: <u>86.80324741</u>	W
	Media description:	<u>DK brun silt</u>	
Aliquot #2:	Latitude: <u>33.55100959</u>	N Longitude: <u>86.80323527</u>	W
	Media description:	<u>DK brun silty clay</u>	
Aliquot #3:	Latitude: <u>33.55101895</u>	N Longitude: <u>86.80339880</u>	W
	Media description:	<u>same as #2</u>	
Aliquot #4:	Latitude: <u>33.55095662</u>	N Longitude: <u>86.80347888</u>	W
	Media description:	<u>same as #1</u>	
Aliquot #5:	Latitude: <u>33.55105537</u>	N Longitude: <u>86.80350272</u>	W
	Media description:	<u>same as #2</u>	

ADDRESS: \_\_\_\_\_ PROPERTY ID: \_\_\_\_\_

DATE: \_\_\_\_\_ ARRIVAL TIME: \_\_\_\_\_

Other pertinent information (weather conditions, etc.):

PROPERTY COMMENTS:

Grid for property sketch

Refer to page 26

Bentley Ave

3/28/13

STATION ID: CV1131C SAMPLE ID: CV1131C-C5

SAMPLE COLLECTION TIME: 1115

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 <input checked="" type="checkbox"/>	Instrument #:	<u>018594</u>	Logged?	<input checked="" type="checkbox"/>	Y or N
Aliquot #1:	Latitude:	<u>33.55098736</u>	N	Longitude:	<u>86.80325175</u>	W
	Media description:	<u>DK brun silty clay</u>				
Aliquot #2:	Latitude:	<u>33.55089975</u>	N	Longitude:	<u>86.80324911</u>	W
	Media description:	<u>same as #1</u>				
Aliquot #3:	Latitude:	<u>33.55093055</u>	N	Longitude:	<u>86.80341534</u>	W
	Media description:	<u>same as #1</u>				
Aliquot #4:	Latitude:	<u>33.55088252</u>	N	Longitude:	<u>86.80347019</u>	W
	Media description:	<u>same as #1</u>				
Aliquot #5:	Latitude:	<u>33.55094149</u>	N	Longitude:	<u>86.80346929</u>	W
	Media description:	<u>same as #1</u>				

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:	_____				

BBB 3/28/13

ADDRESS: (b) (6)

PROPERTY ID: CV1138

DATE: 3/28/13

ARRIVAL TIME: 1230

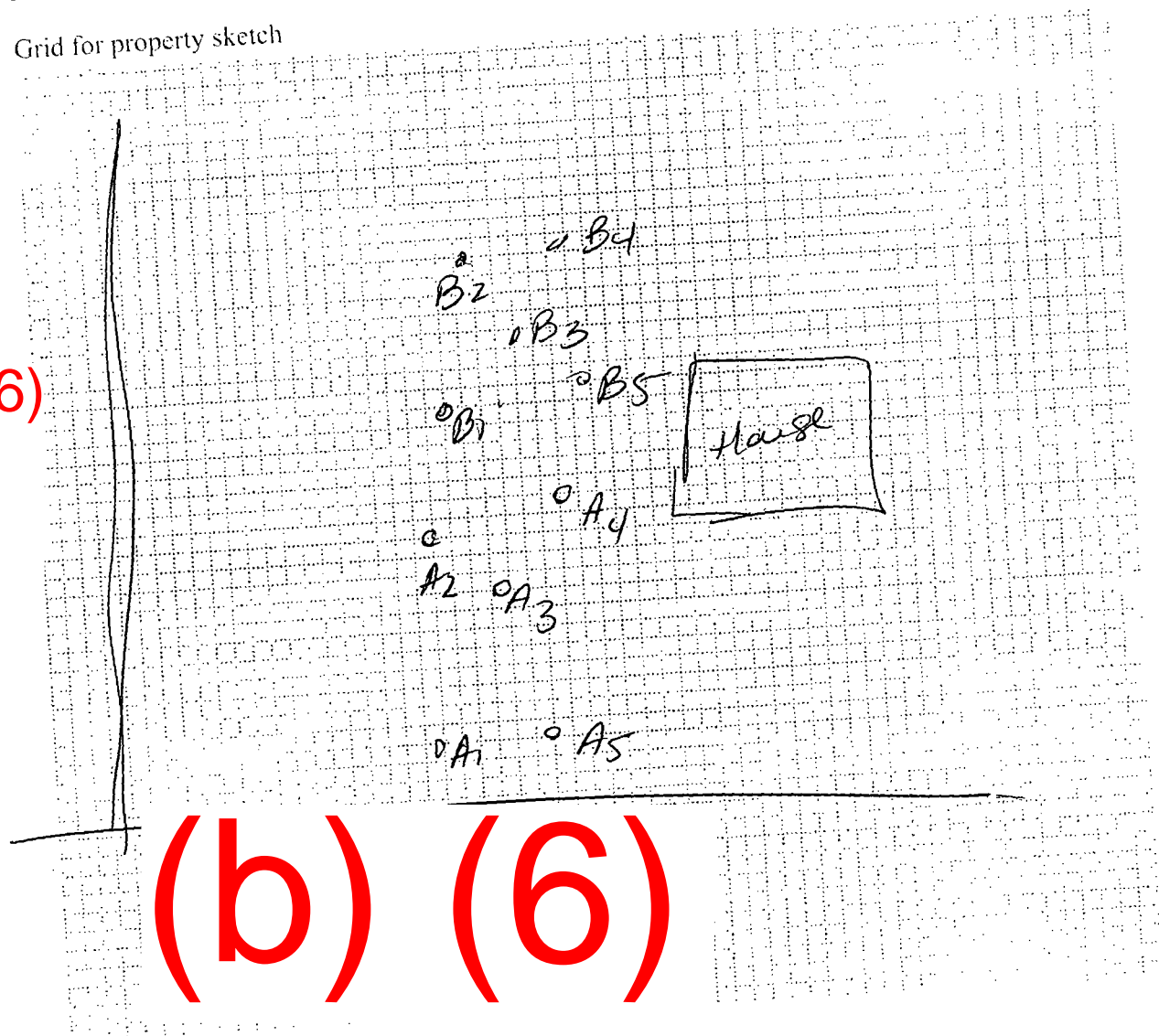
Other pertinent information (weather conditions, etc.):

PROPERTY COMMENTS:

vacant lot - city

Grid for property sketch

(b) (6)



(b) (6)

STATION ID: CV1138A SAMPLE ID: CV1138A-CS

SAMPLE COLLECTION TIME: 1255

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 [ <input checked="" type="checkbox"/> ] Instrument #: <u>018594</u> Logged? <u>(Y)</u> or N
Aliquot #1: Latitude: <u>33.55115662</u> N Longitude <u>86.80259902</u> W Media description: <u>light brown silt dry</u>
Aliquot #2: Latitude: <u>33.55103171</u> N Longitude <u>86.80259356</u> W Media description: <u>Brown/orange silty clay w/ gravel</u>
Aliquot #3: Latitude: <u>33.55109702</u> N Longitude <u>86.80264612</u> W Media description: <u>same #1</u>
Aliquot #4: Latitude: <u>33.55103774</u> N Longitude <u>86.80269741</u> W Media description: <u>same #2</u>
Aliquot #5: Latitude: <u>33.55115650</u> N Longitude <u>86.80269435</u> W Media description: <u>same #1</u>

STATION ID: CV1138B SAMPLE ID: CV1138B-CS

SAMPLE COLLECTION TIME: 1305

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 [ <input checked="" type="checkbox"/> ] Instrument #: <u>018594</u> Logged? <u>(Y)</u> or N
Aliquot #1: Latitude: <u>33.55101511</u> N Longitude <u>86.80259262</u> W Media description: <u>DK brown silty clay</u>
Aliquot #2: Latitude: <u>33.55088521</u> N Longitude <u>86.80260396</u> W Media description: <u>same as #1</u>
Aliquot #3: Latitude: <u>33.55095304</u> N Longitude <u>86.80264393</u> W Media description: <u>tan sand</u>
Aliquot #4: Latitude: <u>33.55088486</u> N Longitude <u>86.80267238</u> W Media description: <u>same as #1</u>
Aliquot #5: Latitude: <u>33.55102088</u> N Longitude <u>86.80269381</u> W Media description: <u>reddish brown silt</u>

(b) (6)

ADDRESS: \_\_\_\_\_ PROPERTY ID: CV1140

DATE: 3/28/13 ARRIVAL TIME: 1230

Other pertinent information (weather conditions, etc.):

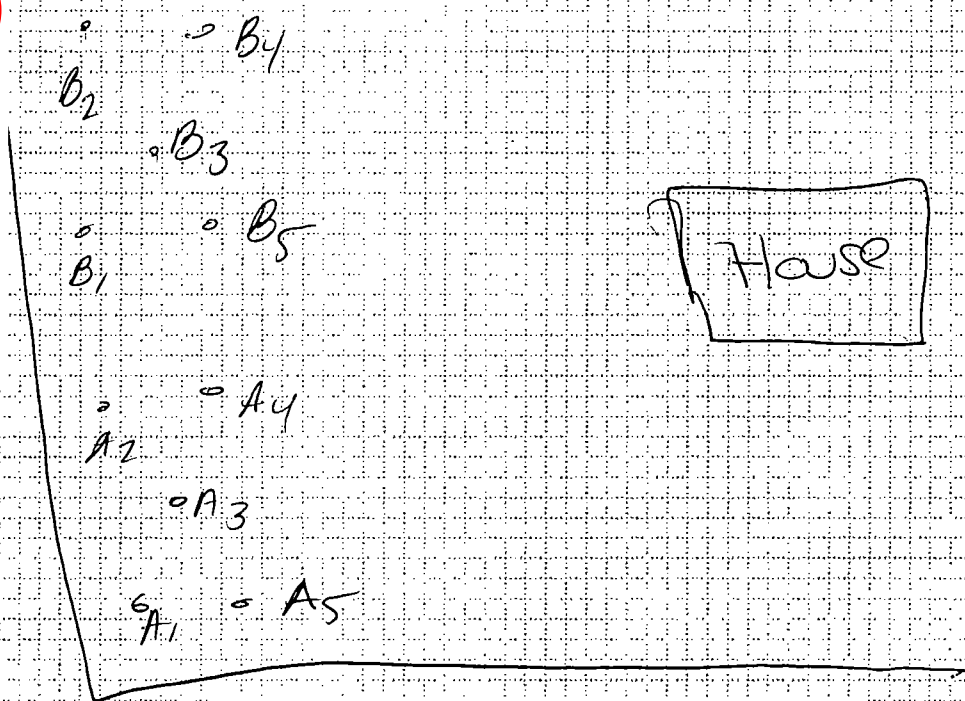
44°F, Sunny

PROPERTY COMMENTS:

Vacant lot - City

Grid for property sketch

(b) (6)



(b) (6)



STATION ID: CV1140A SAMPLE ID: CV1140A-CS

SAMPLE COLLECTION TIME: 1310

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 #: 018594 Logged?  or N

Aliquot #1: Latitude: 33.55115994 N Longitude: 86.80241429 W

Media description: orange/brown silt w/ gravel

Aliquot #2: Latitude: 33.55101541 N Longitude: 86.80241715 W

Media description: Same as #1

Aliquot #3: Latitude: 33.55107972 N Longitude: 86.80249075 W

Media description: Same as #1

Aliquot #4: Latitude: 33.55102624 N Longitude: 86.80255087 W

Media description: Same as #1

Aliquot #5: Latitude: 33.55115551 N Longitude: 86.80284803 W

Media description: Same as #1

STATION ID: CV1140B SAMPLE ID: CV1140B-CS

SAMPLE COLLECTION TIME: 1315

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 #: 018594 Logged?  or N

Aliquot #1: Latitude: 33.55101871 N Longitude: 86.80259262 W

Media description: Brown/reddish silt damp w/ gravel

Aliquot #2: Latitude: 33.55088521 N Longitude: 86.80260396 W

Media description: Same as #1

Aliquot #3: Latitude: 33.55095304 N Longitude: 86.80264393 W

Media description: Same as #1

Aliquot #4: Latitude: 33.55088486 N Longitude: 86.80267238 W

Media description: Same as #1

Aliquot #5: Latitude: 33.55102088 N Longitude: 86.80269381 W

Media description: Same as #1

(b) (6)

ADDRESS:

PROPERTY ID:

0V1086

DATE:

3/28/13

ARRIVAL TIME:

1230

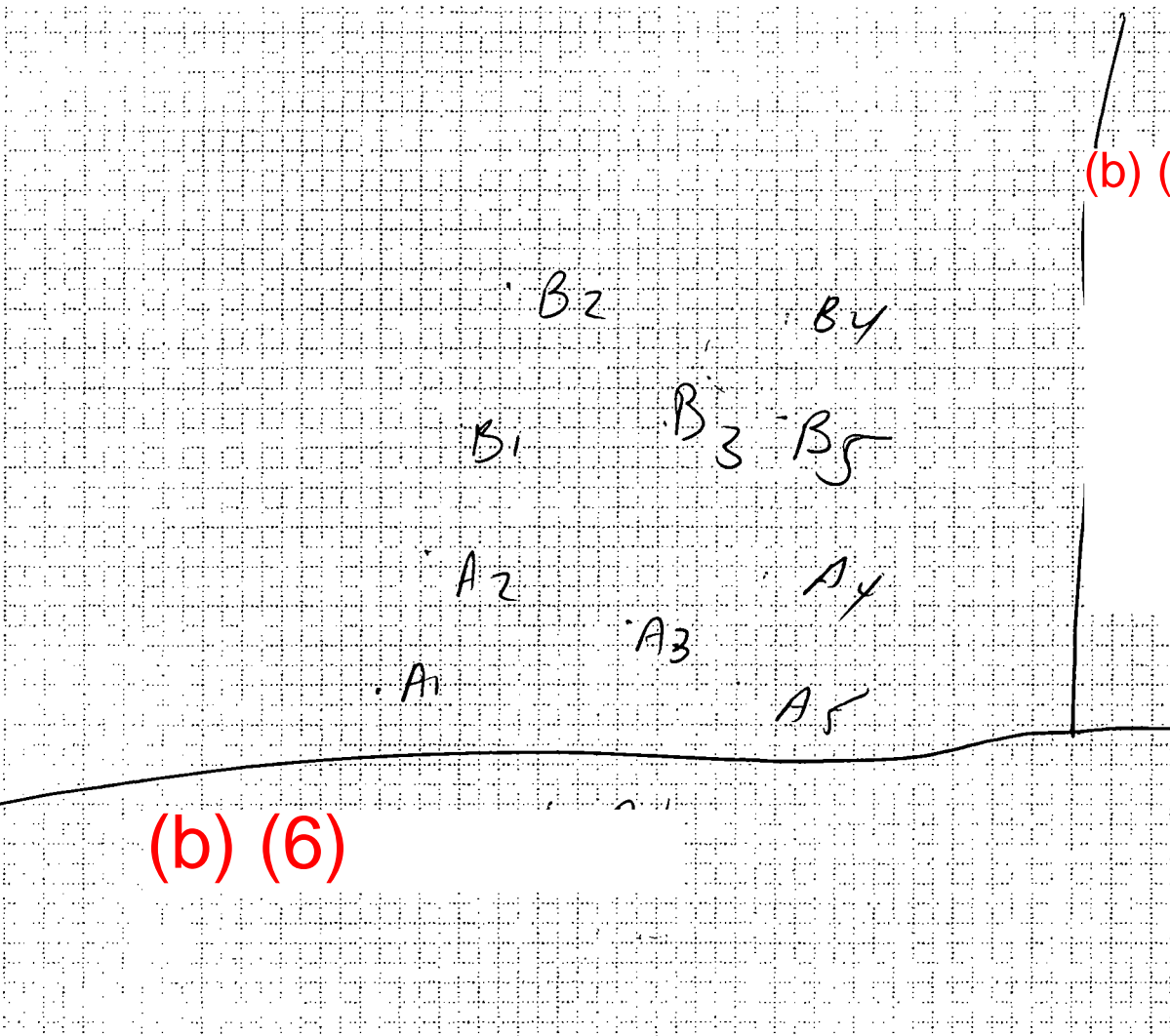
Other pertinent information (weather conditions, etc.):

47°F, Sunny

PROPERTY COMMENTS:

Vacant lot - City

Grid for property sketch



STATION ID: CV1086A SAMPLE ID: CV1086A-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: CV1086A @

GPS Coordinates: Trimble [ <input checked="" type="checkbox"/> ] Instrument #: <u>08594</u> Logged? [ <input checked="" type="checkbox"/> ] or N	1347
Aliquot #1: Latitude: <u>33.55053095</u> N Longitude: <u>86.80257280</u> W Media description: <u>light brun sandy silt w/ gravel</u>	
Aliquot #2: Latitude: <u>33.55062479</u> N Longitude: <u>86.80255570</u> W Media description: <u>same as #1</u>	
Aliquot #3: Latitude: <u>33.55059076</u> N Longitude: <u>86.80249991</u> W Media description: <u>same as #1</u>	
Aliquot #4: Latitude: <u>33.55062531</u> N Longitude: <u>86.80242464</u> W Media description: <u>same as #1</u>	
Aliquot #5: Latitude: <u>33.55052987</u> N Longitude: <u>86.80243183</u> W Media description: <u>same as #1</u>	

STATION ID: CV1086B SAMPLE ID: CV1086B-CS

SAMPLE COLLECTION TIME: 1355

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 [ <input checked="" type="checkbox"/> ] Instrument #: <u>018594</u> Logged? [ <input checked="" type="checkbox"/> ] or N
Aliquot #1: Latitude: <u>33.55065429</u> N Longitude: <u>86.80257262</u> W Media description: <u>DK brun silty clay w/ coal</u>
Aliquot #2: Latitude: <u>33.55076658</u> N Longitude: <u>86.80254255</u> W Media description: <u>same as #1</u>
Aliquot #3: Latitude: <u>33.55072744</u> N Longitude: <u>86.80249048</u> W Media description: <u>same as #1</u>
Aliquot #4: Latitude: <u>33.55077015</u> N Longitude: <u>86.80241269</u> W Media description: <u>light brun sandy silt</u>
Aliquot #5: Latitude: <u>33.55065023</u> N Longitude: <u>86.80242187</u> W Media description: <u>same as #1</u>

(b) (6)

ADDRESS: \_\_\_\_\_ PROPERTY ID: CV1054

DATE: 3/28/13 ARRIVAL TIME: 1230

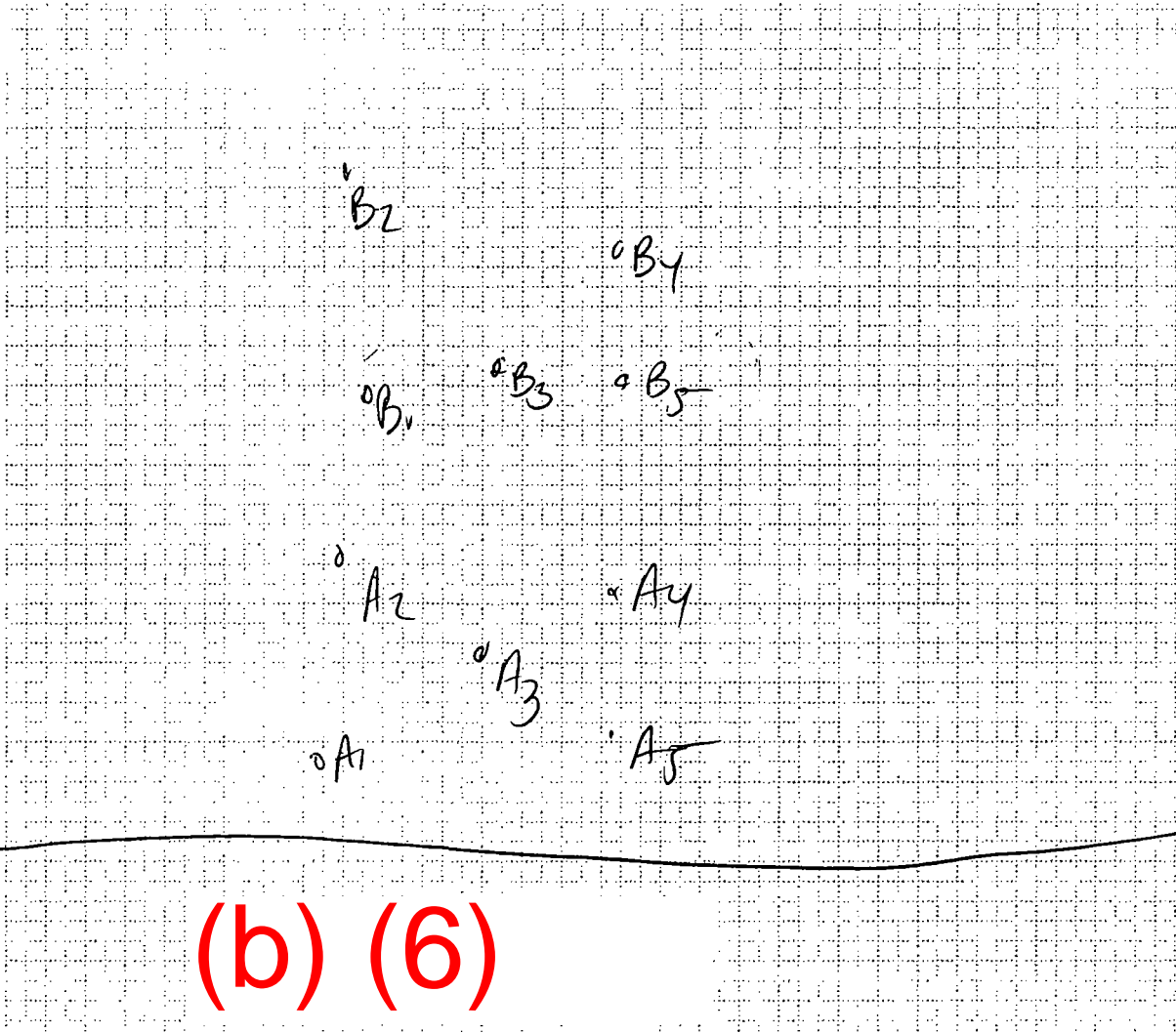
Other pertinent information (weather conditions, etc.):

47°F, sunny

PROPERTY COMMENTS:

Vacant lot - City

Grid for property sketch



(b) (6)

STATION ID: CV1084A SAMPLE ID: CV1084A-CS

SAMPLE COLLECTION TIME: 1405

Description of sample location (0) 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 [ <input checked="" type="checkbox"/> ]	Instrument #:	<u>018594</u>	Logged?	<u>(Y)</u> or N
Aliquot #1:	Latitude:	<u>33.55051796</u>	N Longitude	<u>86.80286690</u>	W
	Media description:	<u>DK brwn silty w/ gravel &amp; coal</u>			
Aliquot #2:	Latitude:	<u>33.55065310</u>	N Longitude	<u>86.80287218</u>	W
	Media description:	<u>same as #1</u>			
Aliquot #3:	Latitude:	<u>33.55060781</u>	N Longitude	<u>86.80282123</u>	W
	Media description:	<u>same as #1</u>			
Aliquot #4:	Latitude:	<u>33.55063560</u>	N Longitude	<u>86.80276937</u>	W
	Media description:	<u>same as #1</u>			
Aliquot #5:	Latitude:	<u>33.55053381</u>	N Longitude	<u>86.80276662</u>	W
	Media description:	<u>same as #1</u>			

STATION ID: CV1084B SAMPLE ID: CV1084B-CS

SAMPLE COLLECTION TIME: 1415

Description of sample location (0) 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 [ <input checked="" type="checkbox"/> ]	Instrument #:	<u>018594</u>	Logged?	<u>(Y)</u> or N
Aliquot #1:	Latitude:	<u>33.55066641</u>	N Longitude	<u>86.80287165</u>	W
	Media description:	<u>DK brwn/blk silty w/ gravel &amp; coal</u>			
Aliquot #2:	Latitude:	<u>33.55078364</u>	N Longitude	<u>86.80286466</u>	W
	Media description:	<u>same as #1</u>			
Aliquot #3:	Latitude:	<u>33.55074893</u>	N Longitude	<u>86.80282070</u>	W
	Media description:	<u>same as #1</u>			
Aliquot #4:	Latitude:	<u>33.55078680</u>	N Longitude	<u>86.80276186</u>	W
	Media description:	<u>same as #1</u>			
Aliquot #5:	Latitude:	<u>33.55067044</u>	N Longitude	<u>86.80278096</u>	W
	Media description:	<u>same as #1</u>			

(b) (6)

ADDRESS: \_\_\_\_\_

PROPERTY ID: CV1082

DATE: 3/28/13

ARRIVAL TIME: 1230

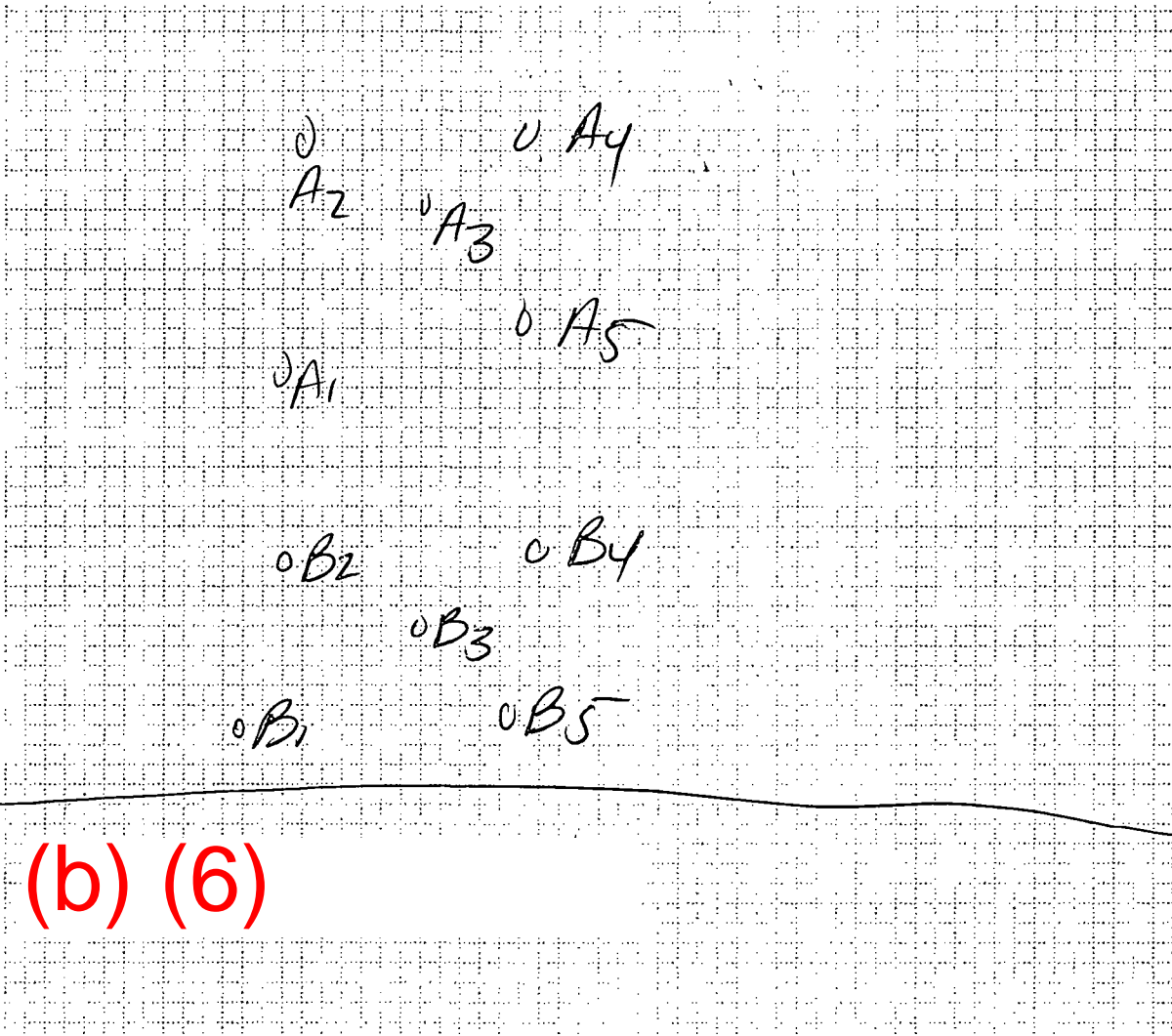
Other pertinent information (weather conditions, etc.):

47°F, Sunny

PROPERTY COMMENTS:

vacant lot - City

Grid for property sketch



(b) (6)

STATION ID: CV1052A SAMPLE ID: CV1052A-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 #: 018594 Logged? Y or N

Aliquot #1: Latitude: 33.55053402 N Longitude 86.80306986 W

Media description: Brun/light brun silt w/ccal & gravel

Aliquot #2: Latitude: 33.55064041 N Longitude 86.80306728 W

Media description: Same as #1

Aliquot #3: Latitude: 33.55059605 N Longitude 86.80299743 W

Media description: Same as #1

Aliquot #4: Latitude: 33.55062058 N Longitude 86.80292774 W

Media description: Same as #1

Aliquot #5: Latitude: 33.55052340 N Longitude 86.80292162 W

Media description: Same as #1

STATION ID: CV1052B SAMPLE ID: CV1052B-CS

SAMPLE COLLECTION TIME: 1450

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 #: 018594 Logged? Y or N

Aliquot #1: Latitude: 33.55065711 N Longitude 86.80306728 W

Media description: tan sandy silt

Aliquot #2: Latitude: 33.55079769 N Longitude 86.80305164 W

Media description: DK brun silty clay w/ gravel

Aliquot #3: Latitude: 33.55071605 N Longitude 86.80299908 W

Media description: Same as #1

Aliquot #4: Latitude: 33.55080265 N Longitude 86.80291830 W

Media description: Same as #1

Aliquot #5: Latitude: 33.55066048 N Longitude 86.80292249 W

Media description: Same as #1

ADDRESS: **(b) (6)** PROPERTY ID: CV1058

DATE: 3/28/13 ARRIVAL TIME: 1230

Other pertinent information (weather conditions, etc.):

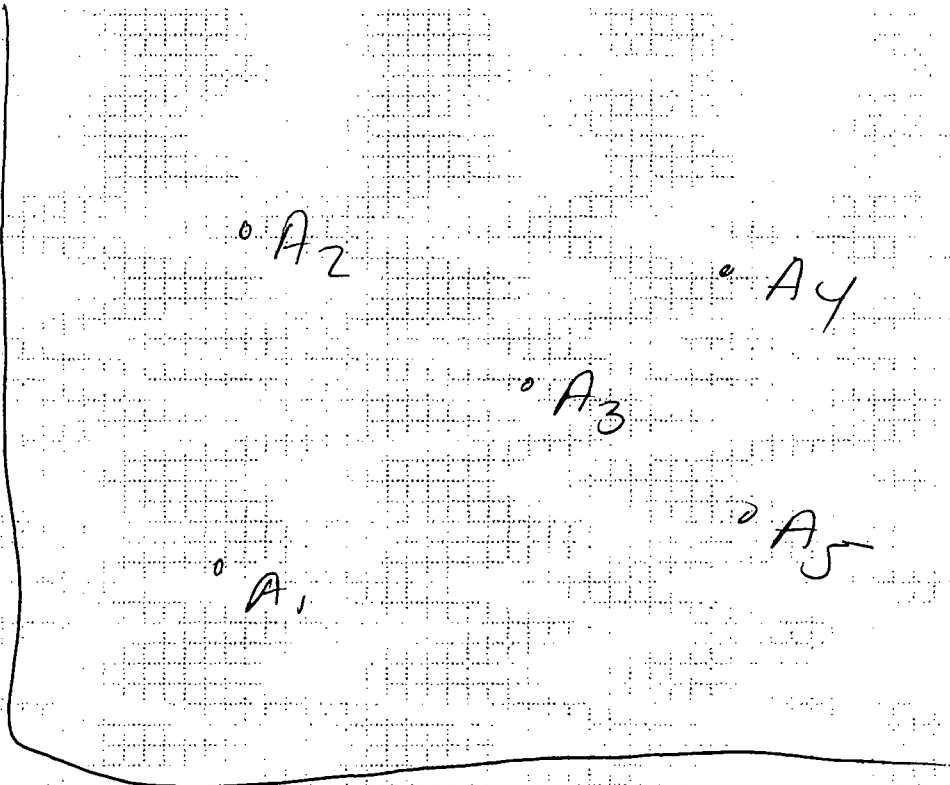
63 °F, Sunny

PROPERTY COMMENTS:

vacant lot - City

Grid for property sketch

**(b) (6)**



**(b) (6)**



STATION ID: CV1058A SAMPLE ID: CV1058A-C5

SAMPLE COLLECTION TIME: 1515

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 [ <input checked="" type="checkbox"/> ] Instrument #: <u>018594</u> Logged? <input checked="" type="checkbox"/> Y or N
Aliquot #1: Latitude: <u>33.55034882</u> N Longitude: <u>86.80243348</u> W Media description: <u>Brun silt w/ gravel + coal</u>
Aliquot #2: Latitude: <u>33.55013490</u> N Longitude: <u>86.80245384</u> W Media description: <u>Same as #1</u>
Aliquot #3: Latitude: <u>33.55024153</u> N Longitude: <u>86.80250805</u> W Media description: <u>Same as #1</u>
Aliquot #4: Latitude: <u>33.55012753</u> N Longitude: <u>86.80255521</u> W Media description: <u>Same as #1</u>
Aliquot #5: Latitude: <u>33.55035784</u> N Longitude: <u>86.80256209</u> W Media description: <u>Same as #1</u>

STATION ID: CV1058B 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: _____

BB 3/28/13

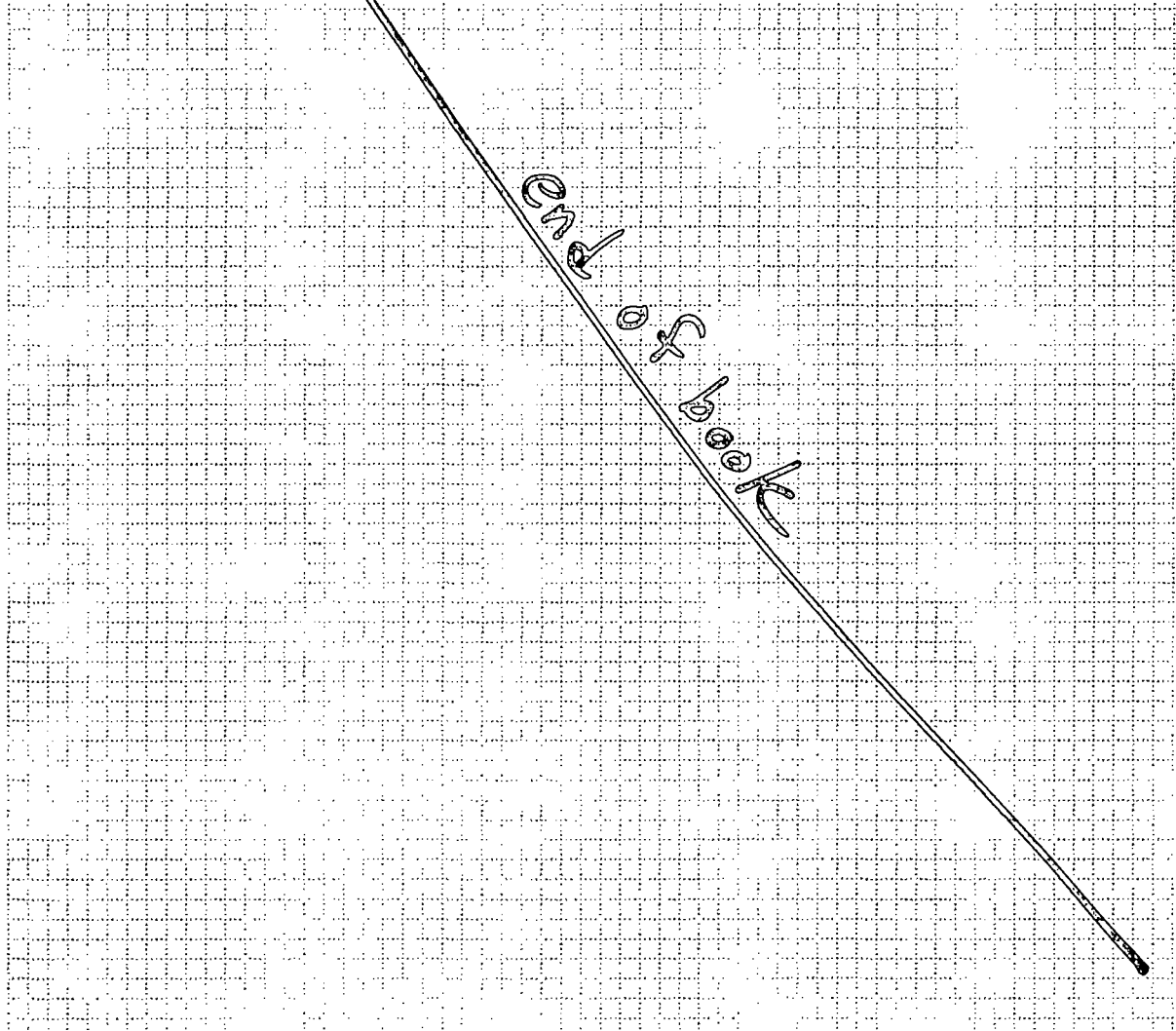
ADDRESS: \_\_\_\_\_ PROPERTY ID: \_\_\_\_\_

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.